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Figure 1

OIPE JC184
MAY 21 2002
PATENT & TRADEMARK OFFICE

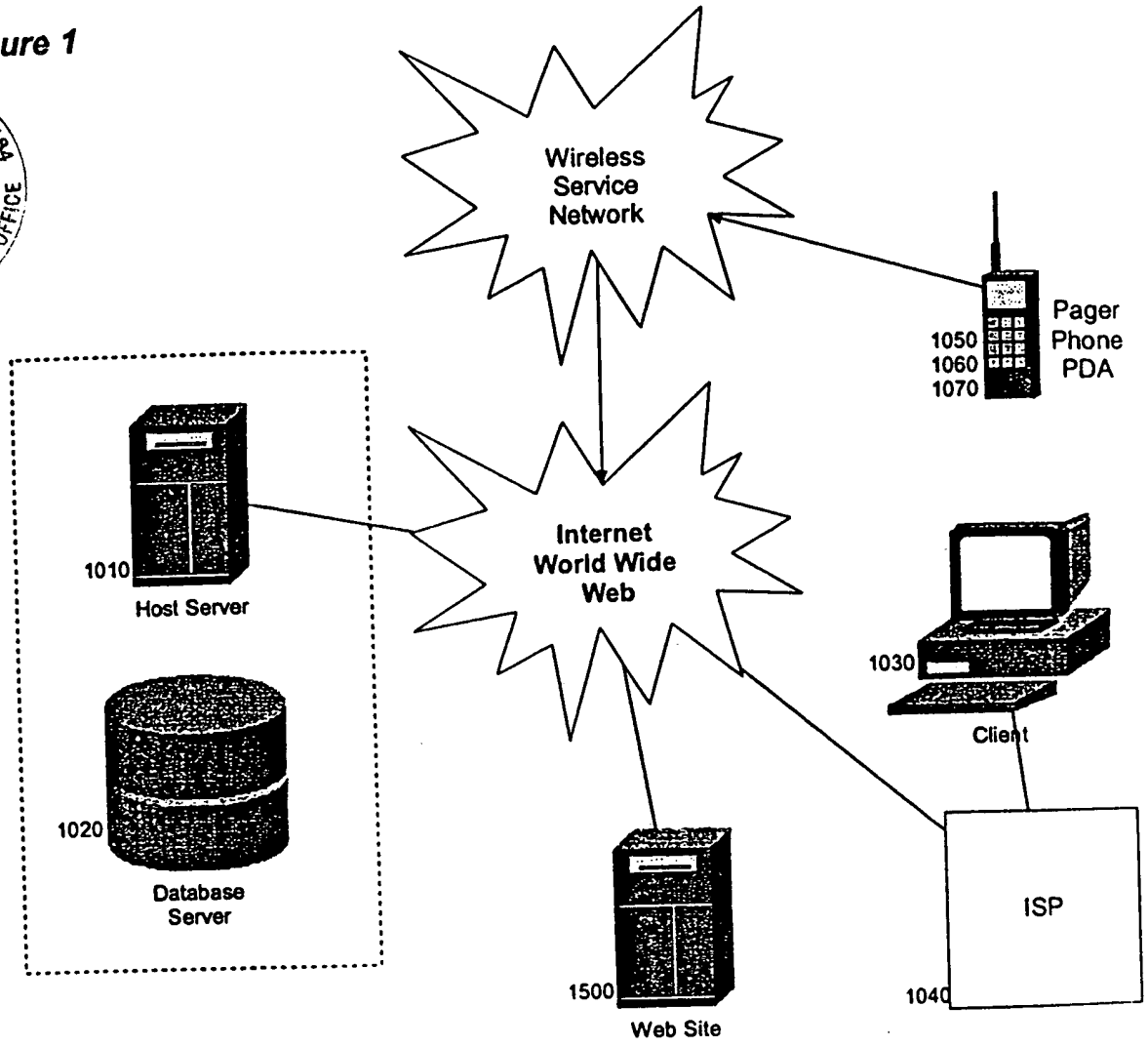


Figure 2

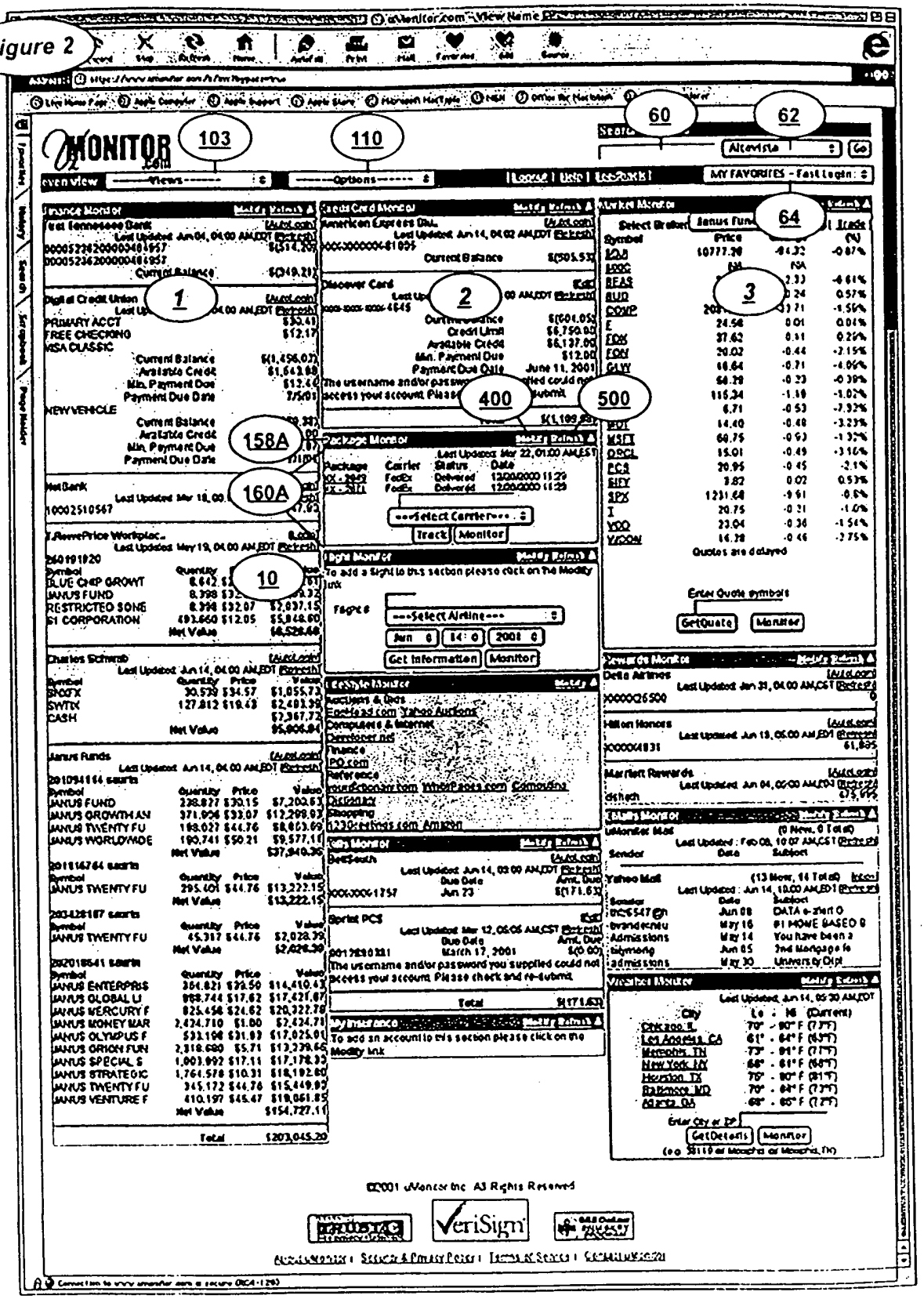
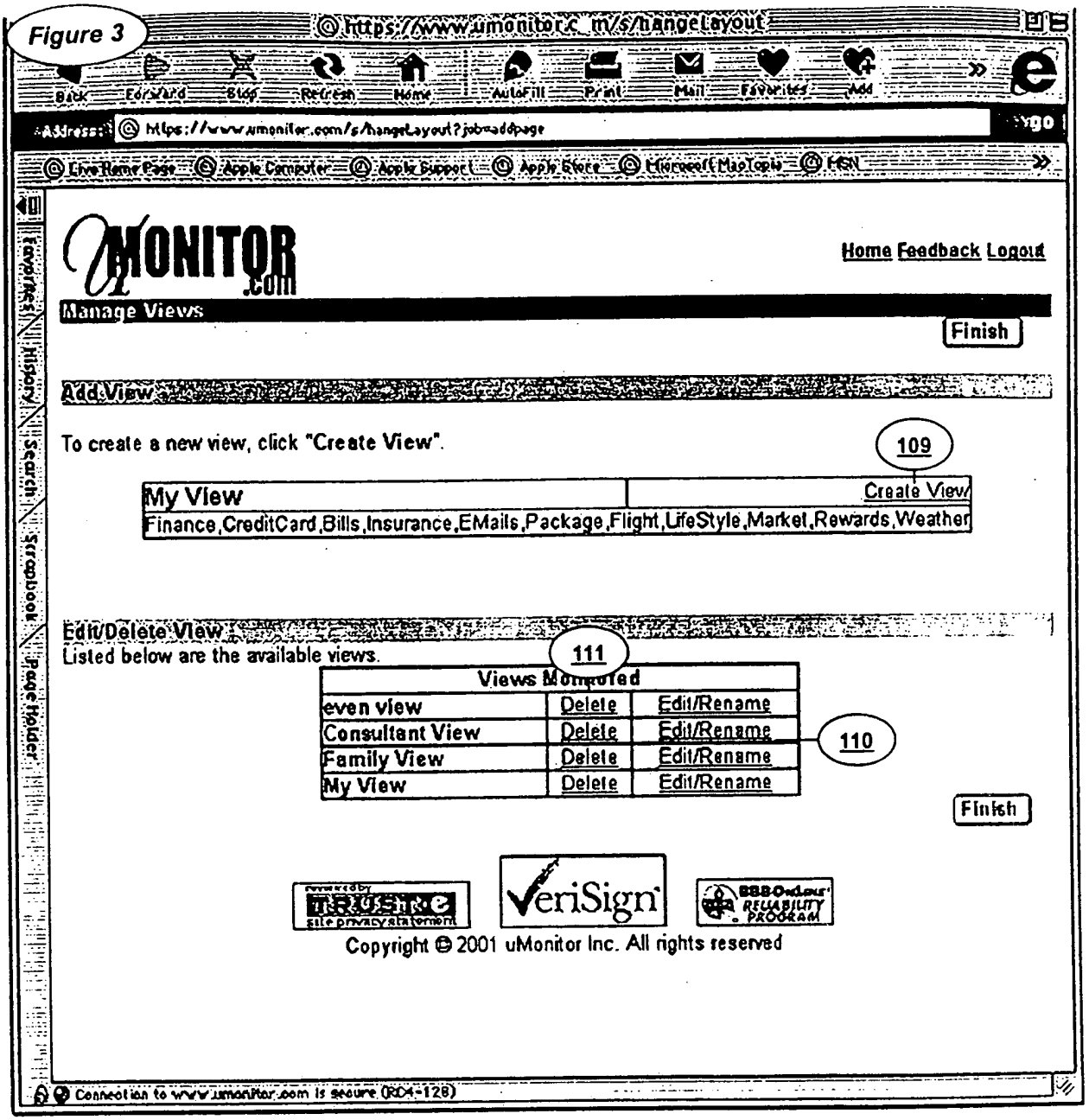


Figure 3


https://www.umonitor.com/s/changeLayout
Back
Forward
Stop
Refresh
Home
AutoFill
Print
Mail
Favorites
Add
Address:
https://www.umonitor.com/s/changeLayout?jobmaddpage
Live Home Page
Apple Computer
Apple Support
Apple Store
Microsoft MapPoint
MSN
Favorites
History
Search
Scrapbook
Page Holder
uMONITOR .com
Home Feedback Logout
Manage Views
Finish
Add View
To create a new view, click "Create View".
109
My View
Create View
Finance,CreditCard,Bills,Insurance,EMails,Package,Flight,LifeStyle,Market,Rewards,Weather
Edit/Delete View
Listed below are the available views.
111
Views Monitored
even view
Delete
Edit/Rename
Consultant View
Delete
Edit/Rename
110
Family View
Delete
Edit/Rename
My View
Delete
Edit/Rename
Finish
TRUSTe
site privacy statement
VeriSign
BBBOnLine
RELIABILITY PROGRAM
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Connection to www.umonitor.com is secure (RC4-128)

Figure 4

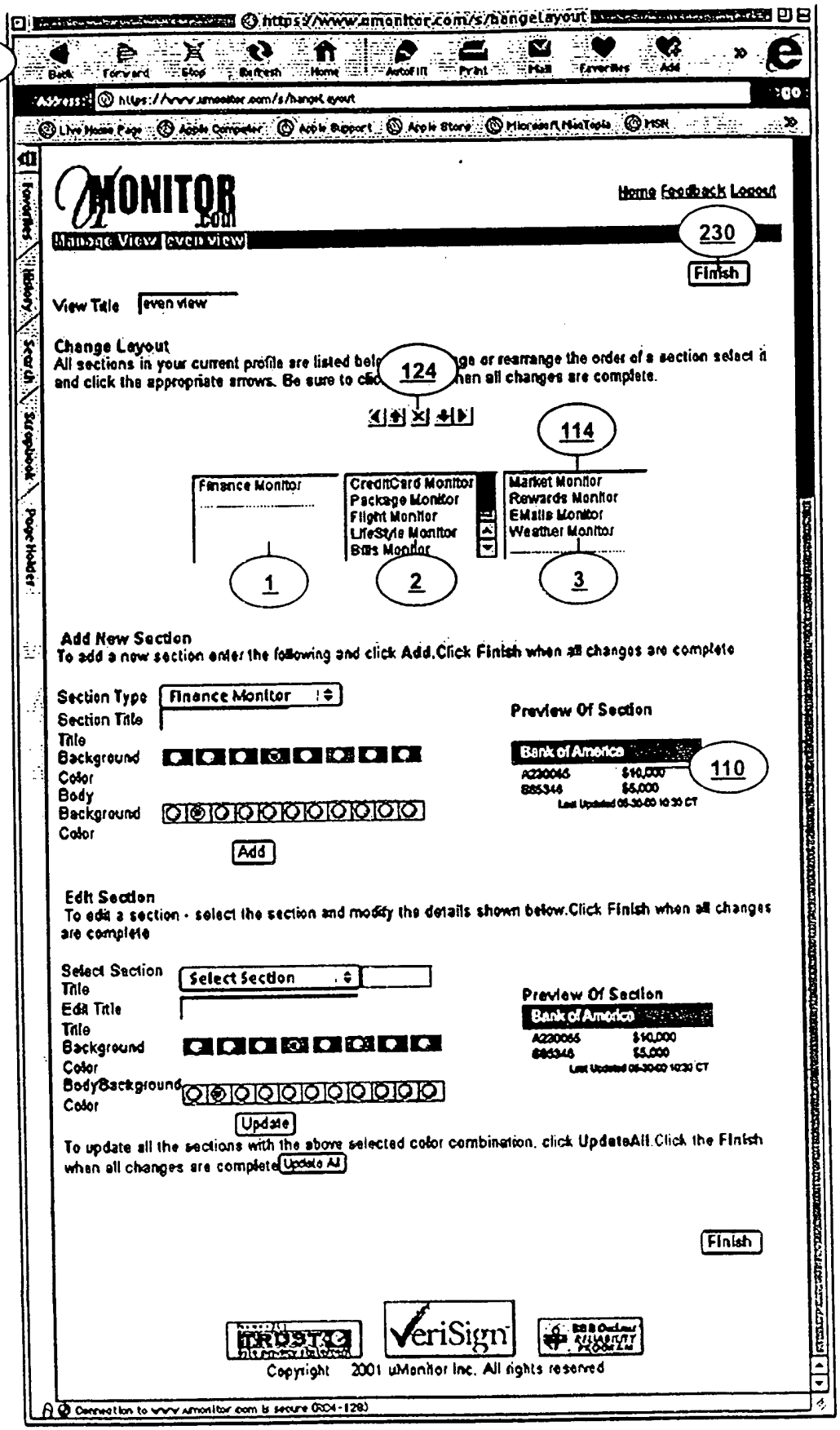

https://www.umonitor.com/s/changeLayout
Back
Forward
Stop
Refresh
Home
AutoFill
Print
Mail
Favorites
Add
Address: https://www.umonitor.com/s/changeLayout
Go
Live Home Page
Apple Computer
Apple Support
Apple Store
Microsoft MacTopia
MSN
UMONITOR .com
Manage View
even view
Home Feedback Logout
230
Finish
View Title
even view
Change Layout
All sections in your current profile are listed bel
ge or rearrange the order of a section select it
and click the appropriate arrows. Be sure to cli
han all changes are complete.
124
114
Finance Monitor
CreditCard Monitor
Package Monitor
Flight Monitor
LifeStyle Monitor
Bills Monitor
Market Monitor
Rewards Monitor
EMails Monitor
Weather Monitor
1
2
3
Add New Section
To add a new section enter the following and click Add.Click Finish when all changes are complete
Section Type
Finance Monitor
Section Title
Title Background Color
Body Background Color
Add
Preview Of Section
Bank of America
A220065 $10,000
885346 $5,000
110
Edit Section
To edit a section - select the section and modify the details shown below.Click Finish when all changes are complete
Select Section Title
Select Section
Edit Title
Title Background Color
Body Background Color
Update
Preview Of Section
Bank of America
A220065 $10,000
885346 $5,000
To update all the sections with the above selected color combination, click UpdateAll.Click the Finish when all changes are complete
Update All
Finish
TRUSTe
VeriSign
Copyright 2001 uMonitor Inc. All rights reserved
Connection to www.umonitor.com is secure (RC4-128)

Figure 5A

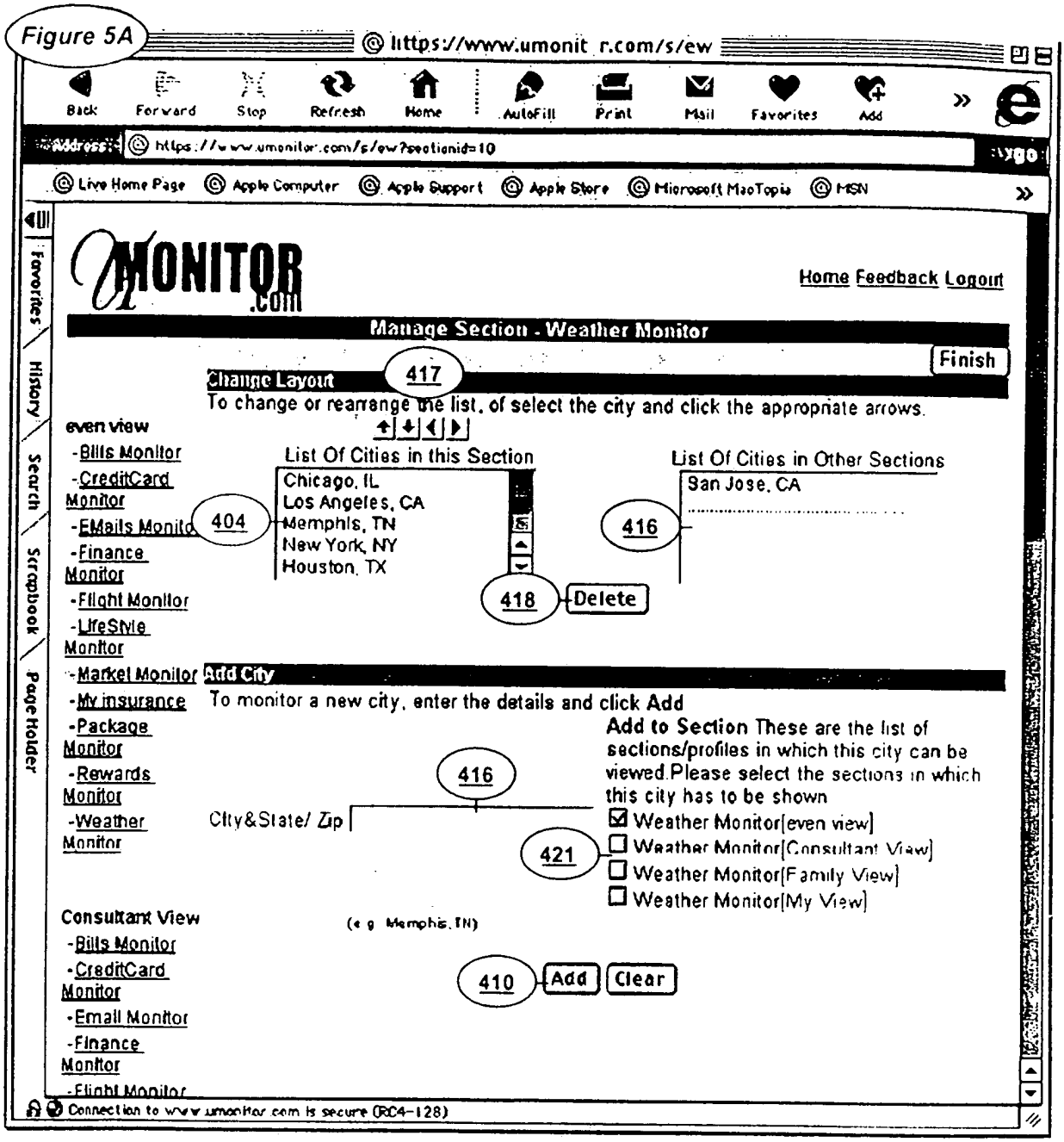

https://www.umonit r.com/s/ew
Back
Forward
Stop
Refresh
Home
AutoFill
Print
Mail
Favorites
Add
https://www.umonitor.com/s/ew?sectionid=10
Live Home Page
Apple Computer
Apple Support
Apple Store
Microsoft MacTopia
MSN
Favorites
History
Search
Scrapbook
Page Holder
UMONITOR .com
Home Feedback Logout
Manage Section - Weather Monitor
Finish
Change Layout
417
To change or rearrange the list, of select the city and click the appropriate arrows.
even view
-Bills Monitor
-CreditCard Monitor
-EMails Monito
-Finance Monitor
-Flight Monitor
-LifeStyle Monitor
-Market Monitor
-My insurance
-Package Monitor
-Rewards Monitor
-Weather Monitor
List Of Cities in this Section
Chicago, IL
Los Angeles, CA
Memphis, TN
New York, NY
Houston, TX
404
List Of Cities in Other Sections
San Jose, CA
416
418
Delete
Add City
To monitor a new city, enter the details and click Add
416
City&State/ Zip
(e g Memphis, TN)
Add to Section These are the list of sections/profiles in which this city can be viewed.Please select the sections in which this city has to be shown
Weather Monitor[even view]
Weather Monitor[Consultant View]
Weather Monitor[Family View]
Weather Monitor[My View]
421
Consultant View
-Bills Monitor
-CreditCard Monitor
-Email Monitor
-Finance Monitor
-Flight Monitor
410
Add
Clear
Connection to www.umonitor.com is secure (RC4-128)

Figure 5B

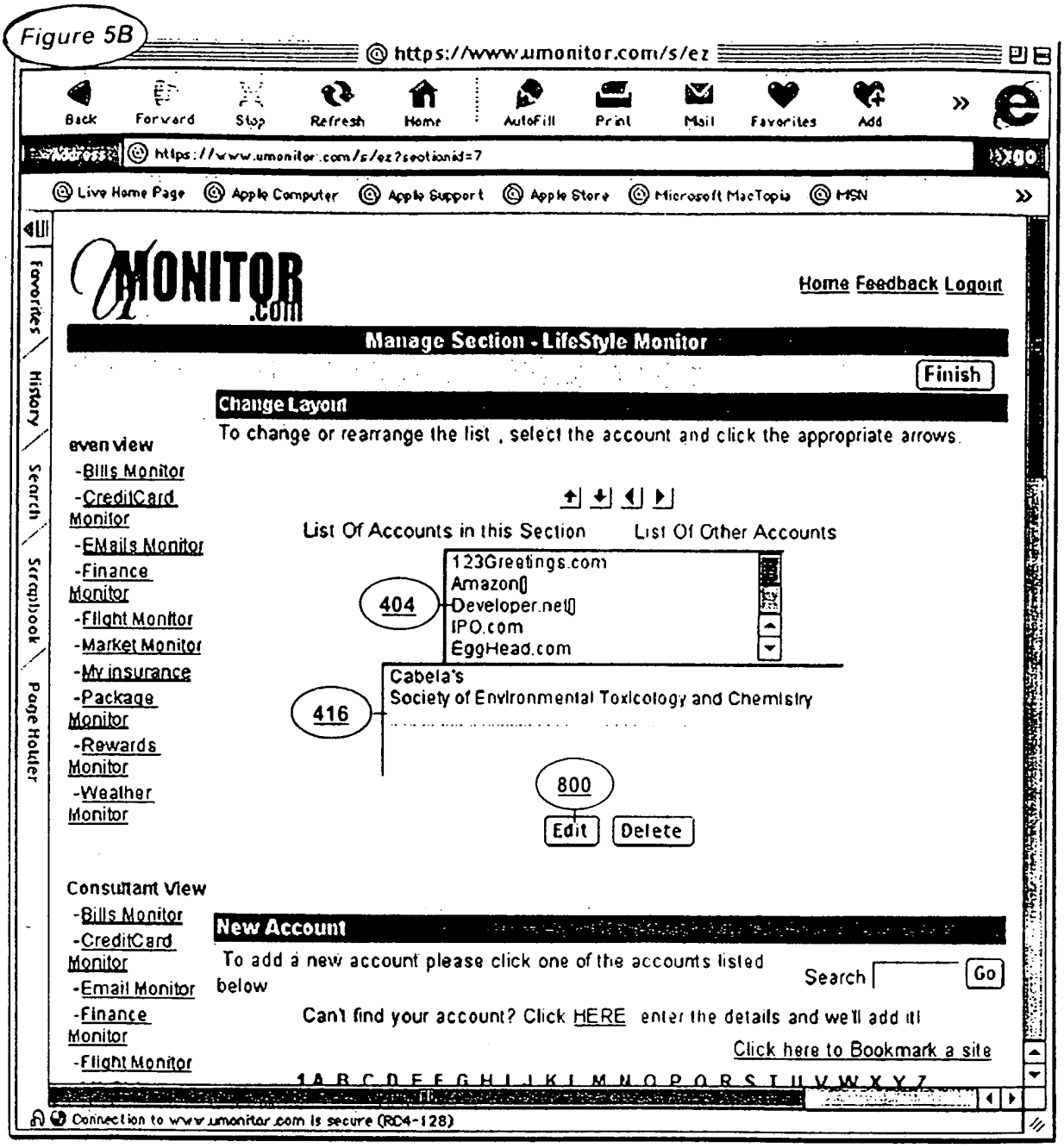

https://www.umonitor.com/s/ez
Back
Forward
Stop
Refresh
Home
AutoFill
Print
Mail
Favorites
Add
https://www.umonitor.com/s/ez?sectionid=7
Live Home Page
Apple Computer
Apple Support
Apple Store
Microsoft MacTopia
MSN
Favorites
History
Search
Scrapbook
Page Holder
UMONITOR .com
Home Feedback Logout
Manage Section - LifeStyle Monitor
Finish
Change Layout
To change or rearrange the list , select the account and click the appropriate arrows.
even view
-Bills Monitor
-CreditCard Monitor
-EMails Monitor
-Finance Monitor
-Flight Monitor
-Market Monitor
-My insurance
-Package Monitor
-Rewards Monitor
-Weather Monitor
List Of Accounts in this Section
List Of Other Accounts
123Greetings.com
Amazon[]
Developer.net[]
IPO.com
EggHead.com
404
Cabela's
Society of Environmental Toxicology and Chemistry
416
800
Edit
Delete
Consultant View
-Bills Monitor
-CreditCard Monitor
-Email Monitor
-Finance Monitor
-Flight Monitor
New Account
To add a new account please click one of the accounts listed below
Search
Go
Can't find your account? Click HERE enter the details and we'll add it!
Click here to Bookmark a site
1 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
Connection to www.umonitor.com is secure (RC4-128)

Figure 5C

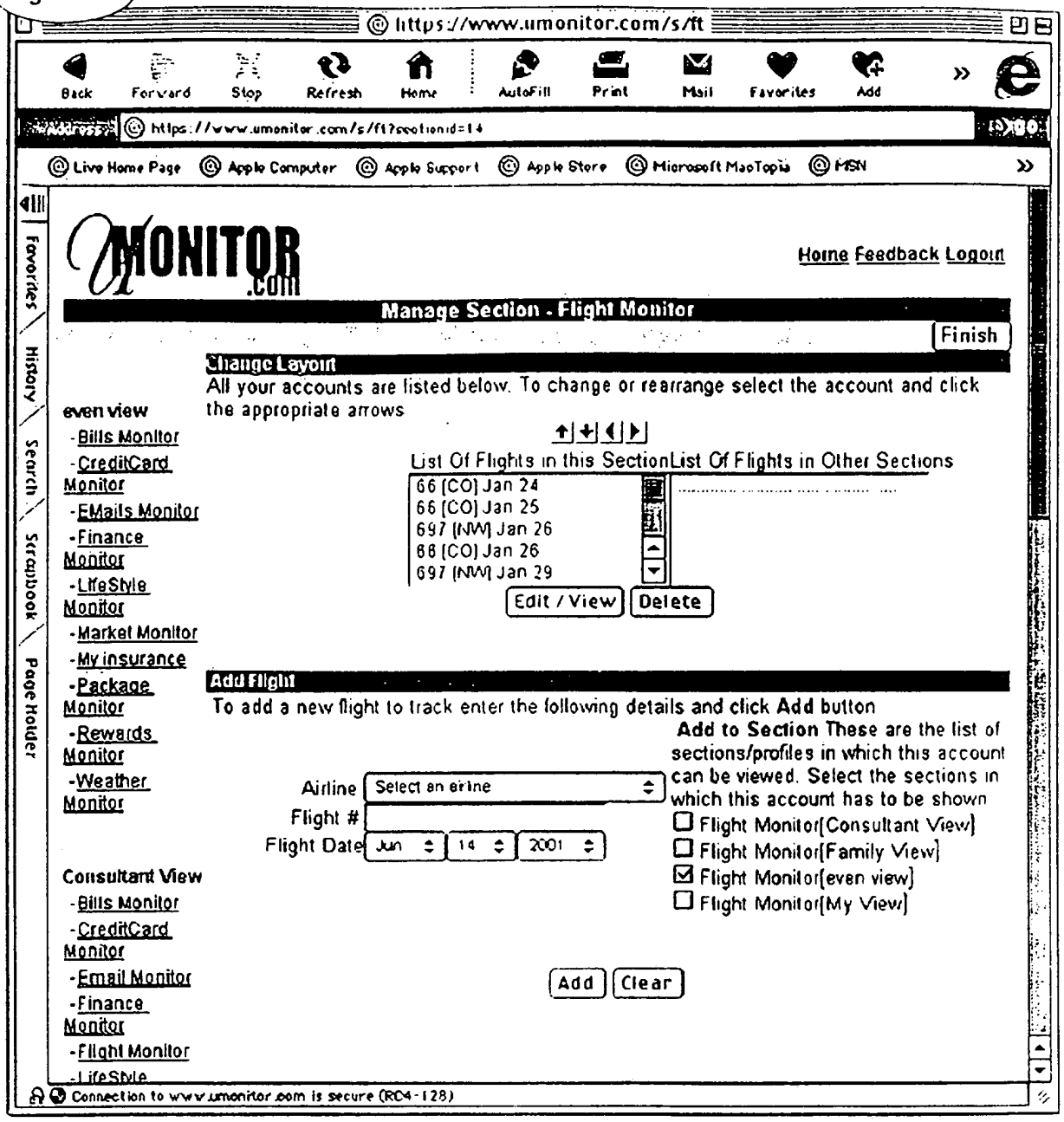

https://www.umonitor.com/s/ft
Back
Forward
Stop
Refresh
Home
AutoFill
Print
Mail
Favorites
Add
https://www.umonitor.com/s/ft?sectionid=14
Live Home Page
Apple Computer
Apple Support
Apple Store
Microsoft MacTopia
MSN
Favorites
History
Search
Scrapbook
Page Holder
UMONITOR .com
Home Feedback Logout
Manage Section - Flight Monitor
Finish
Change Layout
All your accounts are listed below. To change or rearrange select the account and click the appropriate arrows
even view
-Bills Monitor
-CreditCard Monitor
-EMails Monitor
-Finance Monitor
-LifeStyle Monitor
-Market Monitor
-My insurance
-Package Monitor
-Rewards Monitor
-Weather Monitor
Consultant View
-Bills Monitor
-CreditCard Monitor
-Email Monitor
-Finance Monitor
-Flight Monitor
-LifeStyle
List Of Flights in this Section
List Of Flights in Other Sections
66 [CO] Jan 24
66 [CO] Jan 25
697 [NW] Jan 26
66 [CO] Jan 26
697 [NW] Jan 29
Edit / View
Delete
Add Flight
To add a new flight to track enter the following details and click Add button
Airline
Select an airline
Flight #
Flight Date
Jun
14
2001
Add to Section These are the list of sections/profiles in which this account can be viewed. Select the sections in which this account has to be shown
Flight Monitor[Consultant View]
Flight Monitor[Family View]
Flight Monitor[even view]
Flight Monitor[My View]
Add
Clear
Connection to www.umonitor.com is secure (RC4-128)

Figure 5D

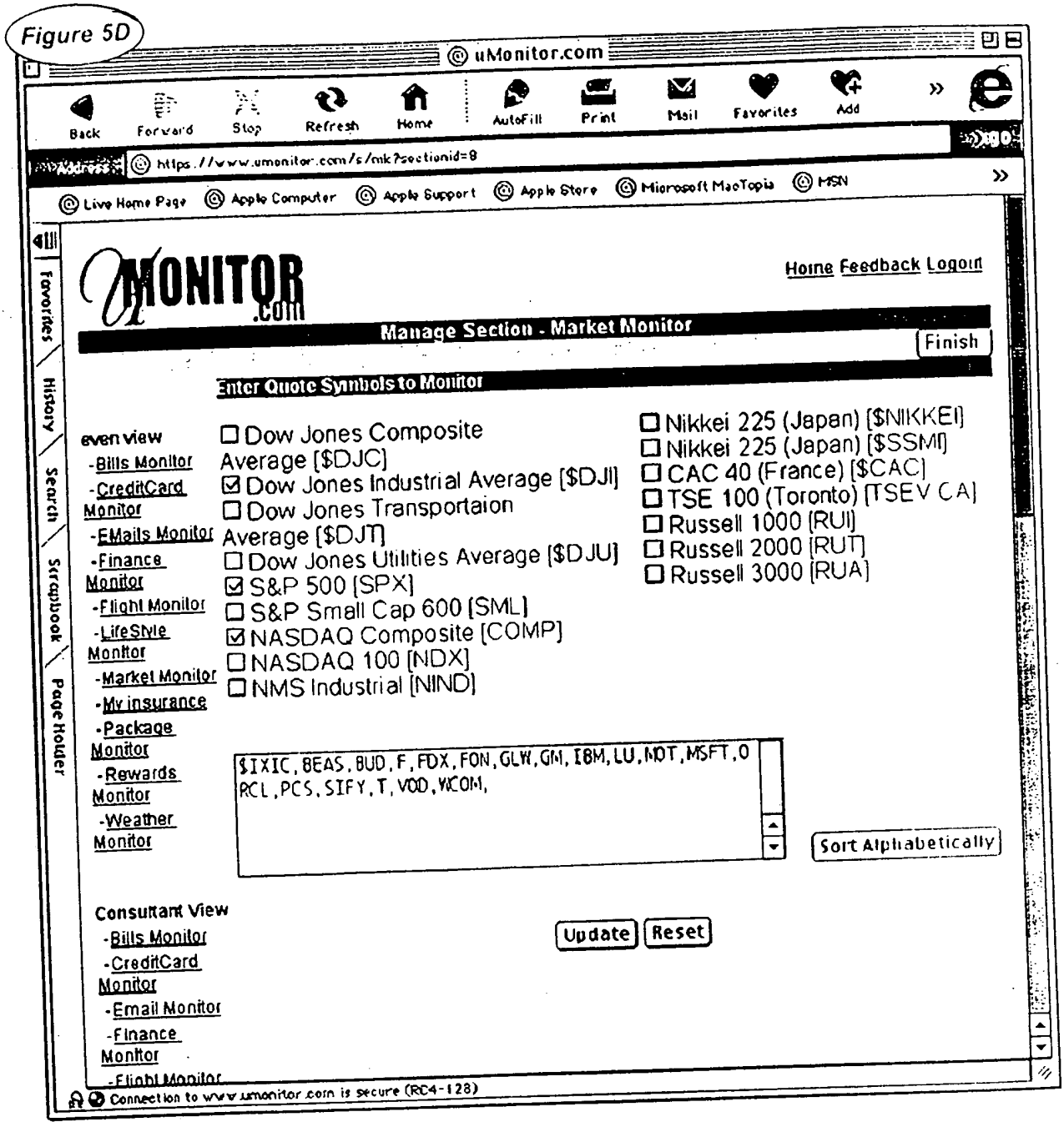

uMonitor.com
Back
Forward
Stop
Refresh
Home
AutoFill
Print
Mail
Favorites
Add
https://www.umonitor.com/s/mk?sectionid=8
Live Home Page
Apple Computer
Apple Support
Apple Store
Microsoft MacTopia
MSN
Favorites
History
Search
Scrapbook
Page Holder
uMONITOR .com
Home Feedback Logoff
Manage Section - Market Monitor
Finish
Enter Quote Symbols to Monitor
even view
-Bills Monitor
-CreditCard Monitor
-EMails Monitor
-Finance Monitor
-Flight Monitor
-LifeStyle Monitor
-Market Monitor
-My insurance
-Package Monitor
-Rewards Monitor
-Weather Monitor
Dow Jones Composite Average [$DJC]
Dow Jones Industrial Average [$DJI]
Dow Jones Transportaion Average [$DJT]
Dow Jones Utilities Average [$DJU]
S&P 500 [SPX]
S&P Small Cap 600 [SML]
NASDAQ Composite [COMP]
NASDAQ 100 [NDX]
NMS Industrial [NIND]
Nikkei 225 (Japan) [$NIKKEI]
Nikkei 225 (Japan) [$SSMI]
CAC 40 (France) [$CAC]
TSE 100 (Toronto) [TSEV CA]
Russell 1000 [RUI]
Russell 2000 [RUT]
Russell 3000 [RUA]
$IXIC, BEAS, BUD, F, FDX, FON, GLW, GM, IBM, LU, MOT, MSFT, O
RCL, PCS, SIFY, T, VOD, WCOM,
Sort Alphabetically
Consultant View
-Bills Monitor
-CreditCard Monitor
-Email Monitor
-Finance Monitor
-Flight Monitor
Update
Reset
Connection to www.umonitor.com is secure (RC4-128)

Figure 5E

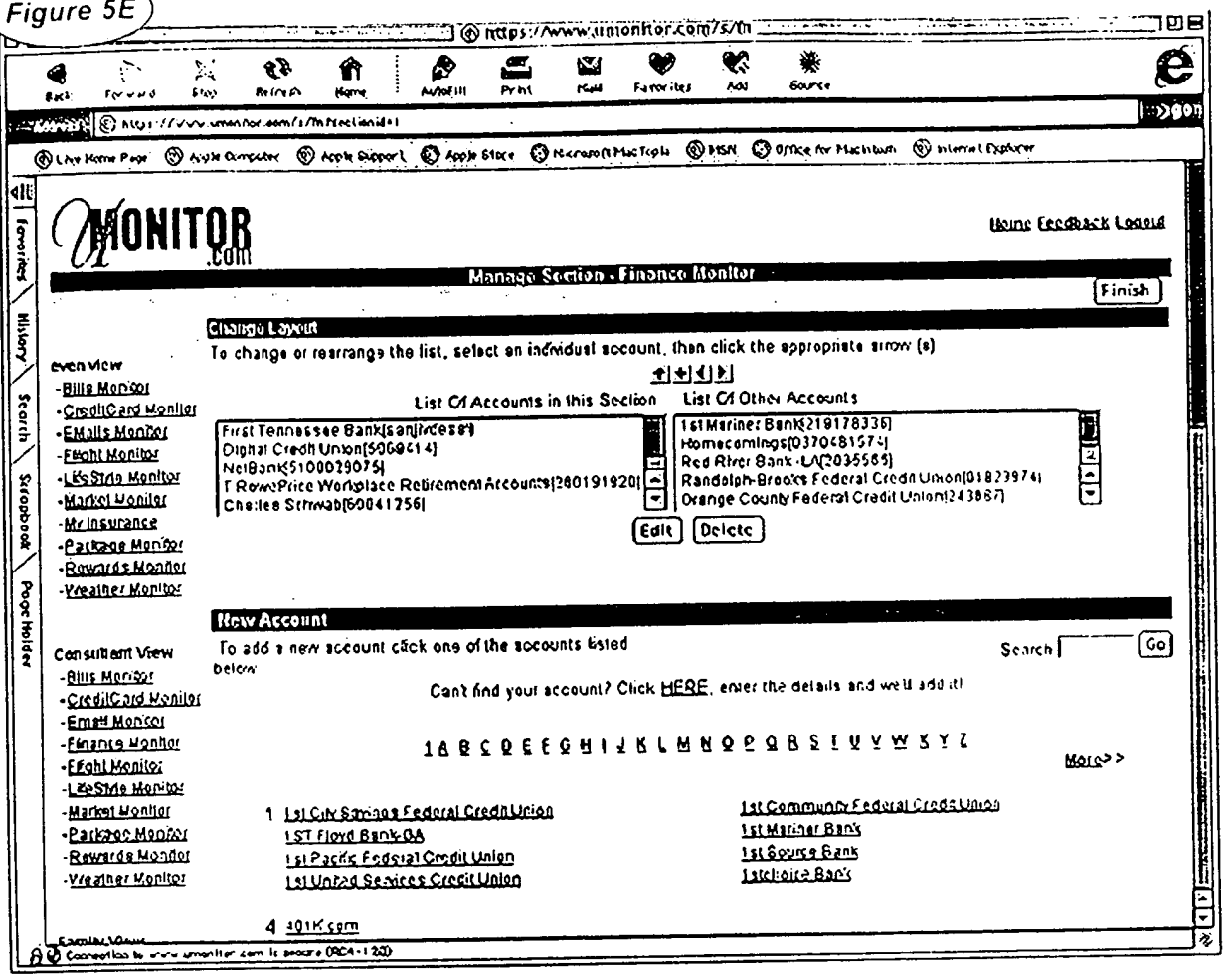

MONITOR .com
Manage Section - Finance Monitor
Finish
Closings Export
To change or rearrange the list, select an individual account, then click the appropriate arrow (s)
List Of Accounts in this Section
List Of Other Accounts
First Tennessee Bank[sanjindesai]
Digital Credit Union[5060614]
NetBank[5100029075]
T RowePrice Workplace Retirement Accounts[280191920]
Charles Schwab[60041256]
1st Mariner Bank[219178336]
Homecomings[0370481574]
Red River Bank -LA[2035565]
Randolph-Brooks Federal Credit Union[018239741]
Orange County Federal Credit Union[243887]
Edit
Delete
New Account
To add a new account click one of the accounts listed below
Search
Go
Cant find your account? Click HERE, enter the details and we'll add it!
1 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
More>>
1 1st City Savings Federal Credit Union
1ST Floyd Bank-GA
1st Pacific Federal Credit Union
1st United Services Credit Union
1st Community Federal Credit Union
1st Mariner Bank
1st Source Bank
1stChoice Bank
4 401K.com
Favorites
History
Search
Scrapbook
Page Holder

Figure 5F

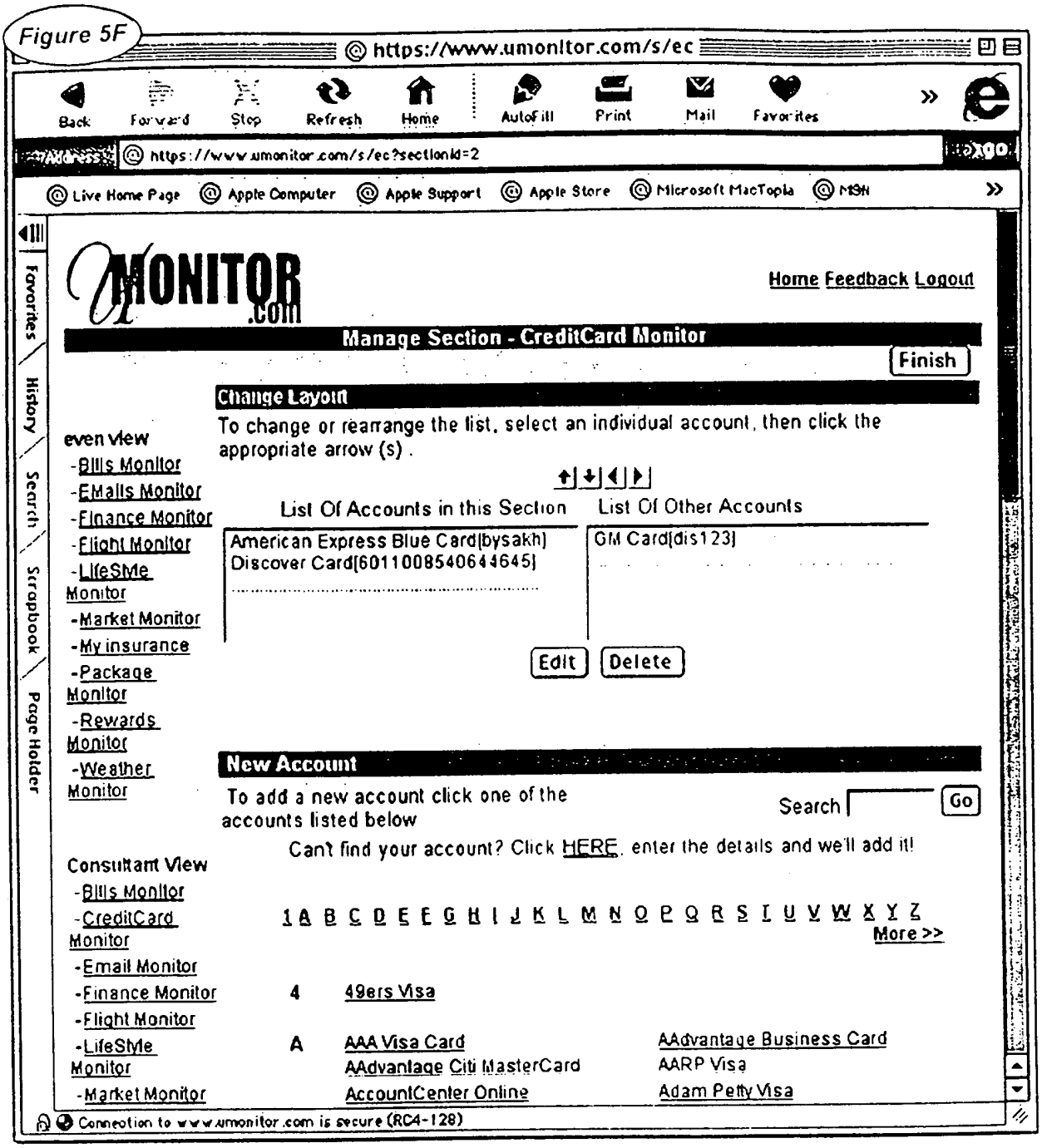

https://www.umonitor.com/s/ec
Back
Forward
Stop
Refresh
Home
AutoFill
Print
Mail
Favorites
https://www.umonitor.com/s/ec?sectionId=2
Live Home Page
Apple Computer
Apple Support
Apple Store
Microsoft MacTopia
MSN
Favorites
History
Search
Scrapbook
Page Holder
UMONITOR .com
Home Feedback Logout
Manage Section - CreditCard Monitor
Finish
Change Layout
To change or rearrange the list, select an individual account, then click the appropriate arrow (s).
List Of Accounts in this Section
List Of Other Accounts
American Express Blue Card[bysakh]
Discover Card[6011008540644645]
GM Card[dis123]
Edit
Delete
New Account
To add a new account click one of the accounts listed below
Search
Go
Can't find your account? Click HERE, enter the details and we'll add it!
1 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
More >>
even view
-Bills Monitor
-EMails Monitor
-Finance Monitor
-Flight Monitor
-LifeSMe Monitor
-Market Monitor
-My insurance
-Package Monitor
-Rewards Monitor
-Weather Monitor
Consultant View
-Bills Monitor
-CreditCard Monitor
-Email Monitor
-Finance Monitor
-Flight Monitor
-LifeStyle Monitor
-Market Monitor
4
49ers Visa
A
AAA Visa Card
AAdvantage Citi MasterCard
AccountCenter Online
AAdvantage Business Card
AARP Visa
Adam Petty Visa
Connection to www.umonitor.com is secure (RC4-128)

Figure 5G

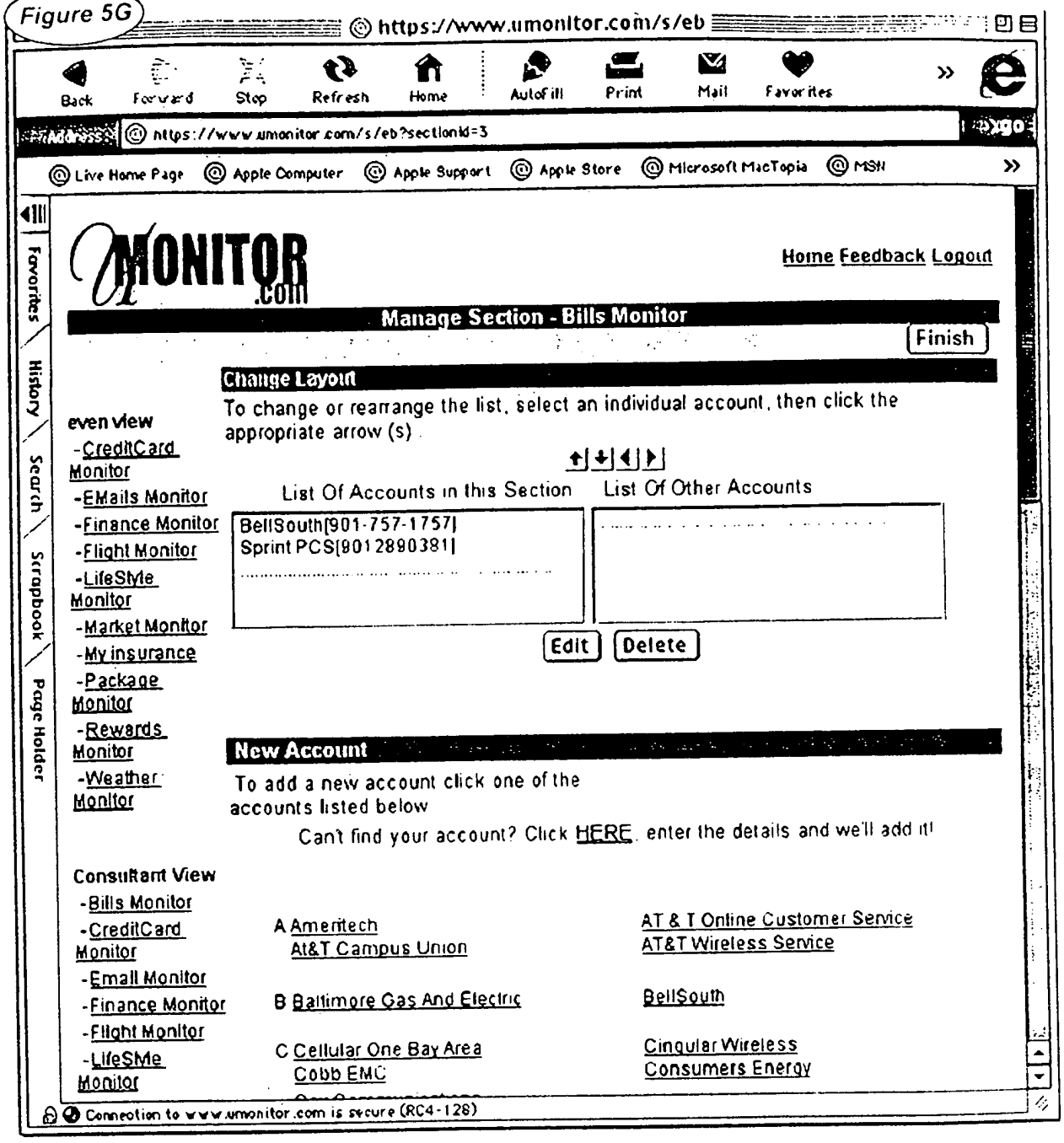

https://www.umonitor.com/s/eb
Back
Forward
Stop
Refresh
Home
Autofill
Print
Mail
Favorites
Address
https://www.umonitor.com/s/eb?sectionId=3
Go
Live Home Page
Apple Computer
Apple Support
Apple Store
Microsoft MacTopia
MSN
Favorites
History
Search
Scrapbook
Page Holder
UMONITOR .com
Home Feedback Logout
Manage Section - Bills Monitor
Finish
Change Layout
To change or rearrange the list, select an individual account, then click the appropriate arrow (s)
List Of Accounts in this Section
List Of Other Accounts
BellSouth[901-757-1757]
Sprint PCS[9012890381]
Edit
Delete
New Account
To add a new account click one of the accounts listed below
Cant find your account? Click HERE, enter the details and we'll add it!
even view
-CreditCard Monitor
-EMails Monitor
-Finance Monitor
-Flight Monitor
-LifeStyle Monitor
-Market Monitor
-My insurance
-Package Monitor
-Rewards Monitor
-Weather Monitor
Consultant View
-Bills Monitor
-CreditCard Monitor
-Email Monitor
-Finance Monitor
-Flight Monitor
-LifeSMe Monitor
A Ameritech
At&T Campus Union
B Baltimore Gas And Electric
C Cellular One Bay Area
Cobb EMC
AT & T Online Customer Service
AT&T Wireless Service
BellSouth
Cingular Wireless
Consumers Energy
Connection to www.umonitor.com is secure (RC4-128)

Figure 5H

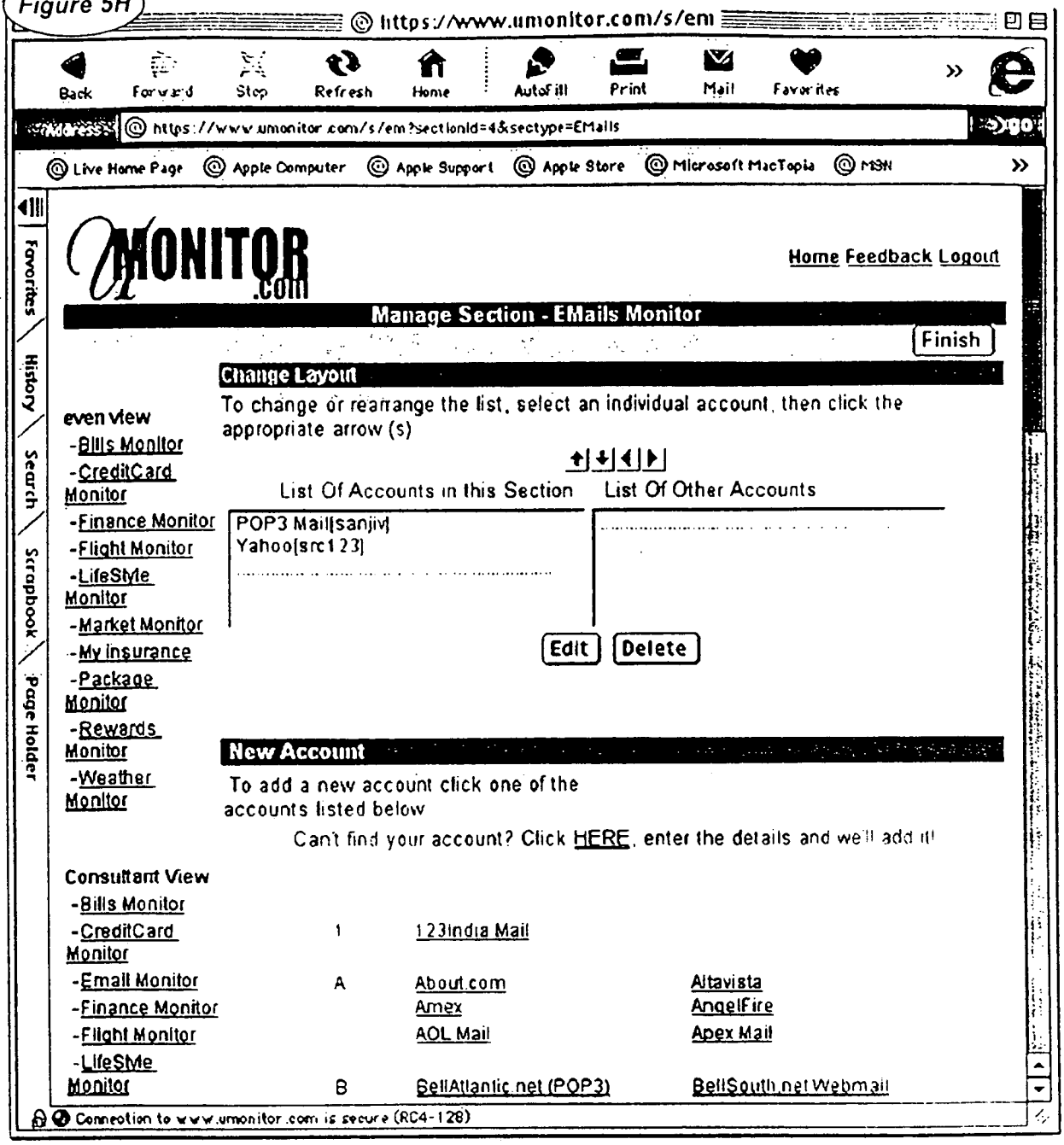

https://www.umonitor.com/s/em
Back
Forward
Stop
Refresh
Home
AutoFill
Print
Mail
Favorites
https://www.umonitor.com/s/em?sectionId=4&sectype=EMails
Live Home Page
Apple Computer
Apple Support
Apple Store
Microsoft MacTopia
MSN
Favorites
History
Search
Scrapbook
Page Holder
UMONITOR.com
Home Feedback Logout
Manage Section - EMails Monitor
Finish
Change Layout
To change or rearrange the list, select an individual account, then click the appropriate arrow (s)
even view
-Bills Monitor
-CreditCard Monitor
-Finance Monitor
-Flight Monitor
-LifeStyle Monitor
-Market Monitor
-My Insurance
-Package Monitor
-Rewards Monitor
-Weather Monitor
List Of Accounts in this Section
List Of Other Accounts
POP3 Mail[sanjiv]
Yahoo[src123]
Edit
Delete
New Account
To add a new account click one of the accounts listed below
Can't find your account? Click HERE, enter the details and we'll add it!
Consultant View
-Bills Monitor
-CreditCard Monitor
-Email Monitor
-Finance Monitor
-Flight Monitor
-LifeStyle Monitor
1
123India Mail
A
About.com
Amex
AOL Mail
Altavista
AngelFire
Apex Mail
B
BellAtlantic.net (POP3)
BellSouth.net Webmail
Connection to www.umonitor.com is secure (RC4-128)

Figure 5I

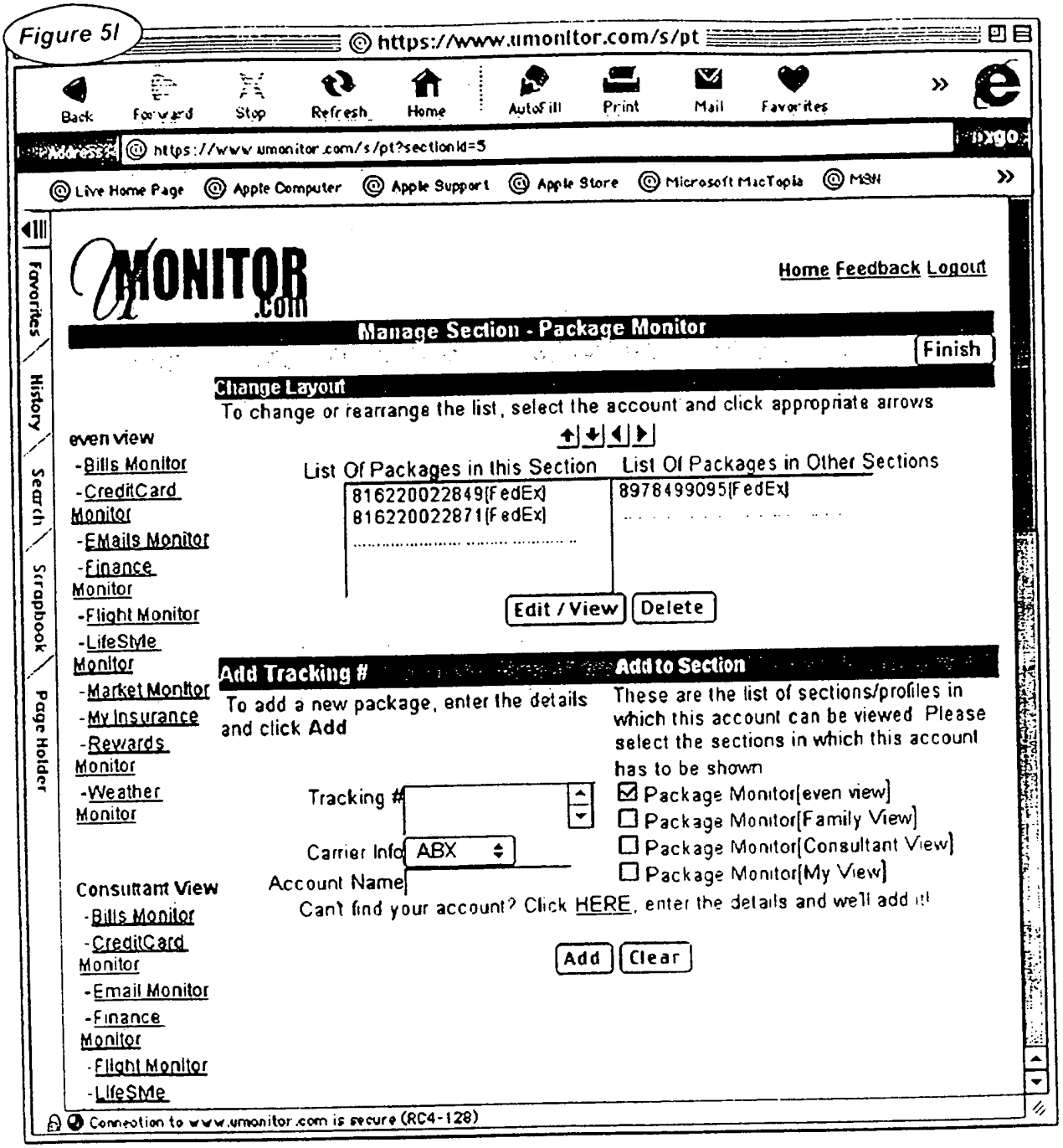
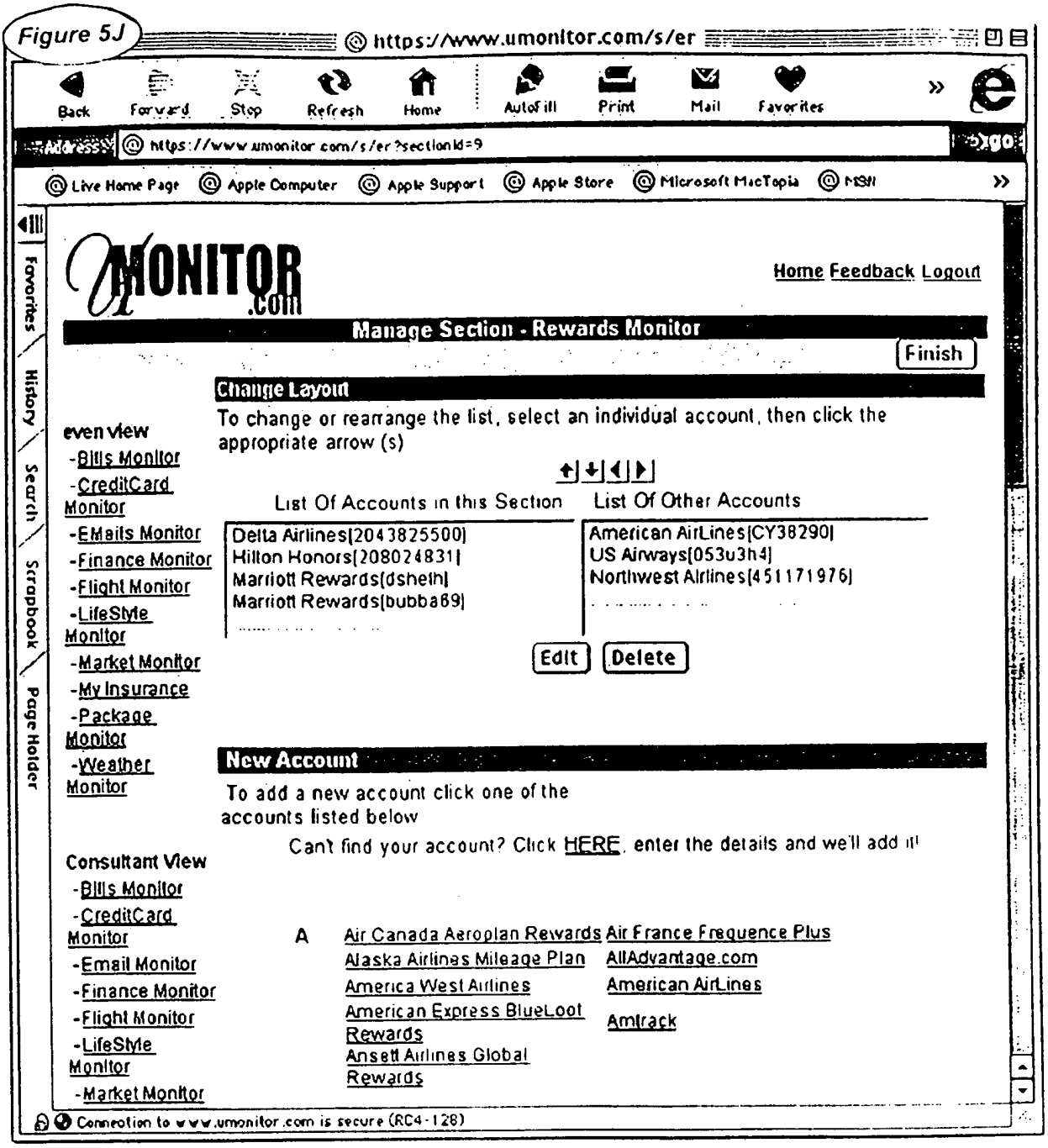
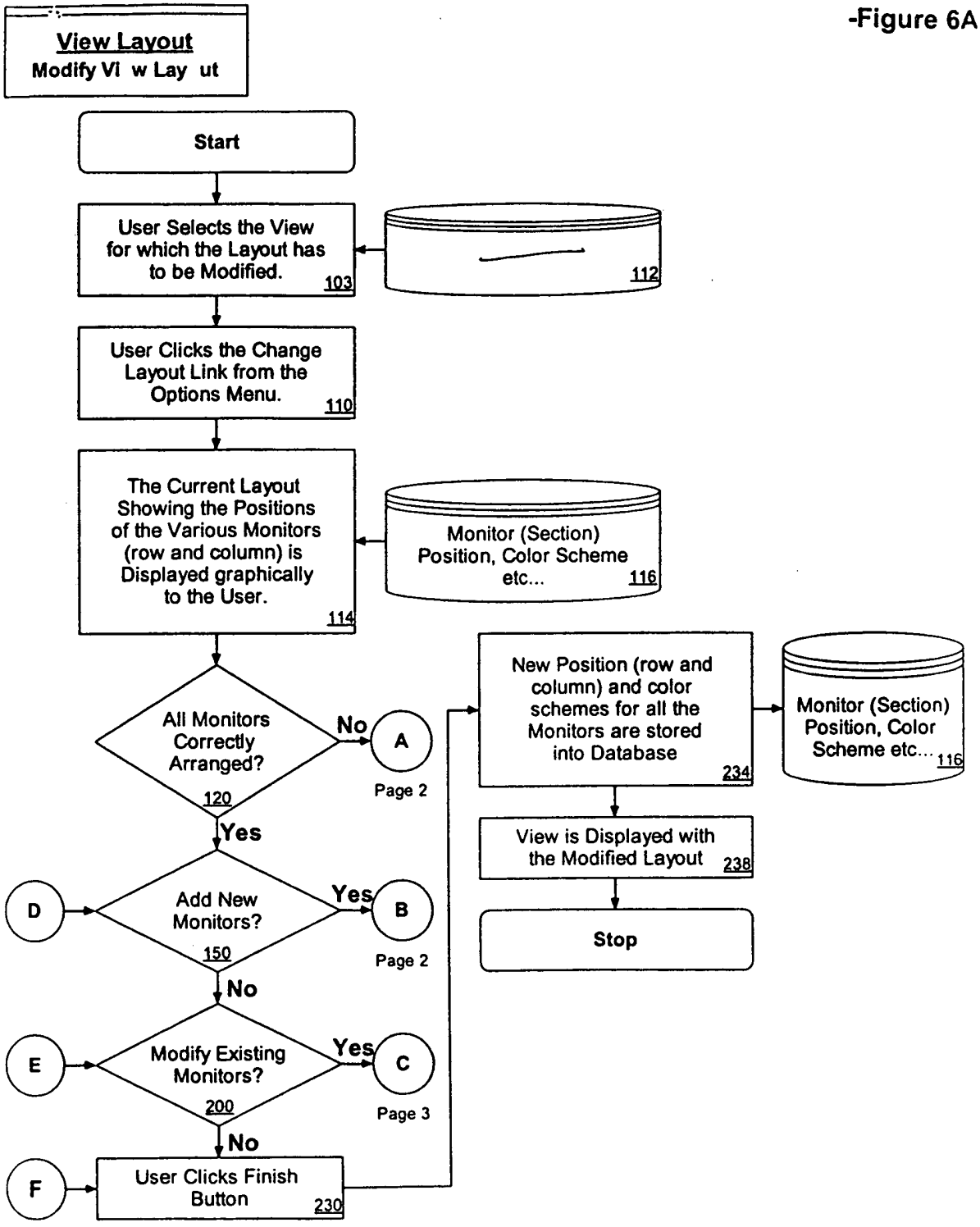

https://www.umonitor.com/s/pt
Back
Forward
Stop
Refresh
Home
AutoFill
Print
Mail
Favorites
https://www.umonitor.com/s/pt?sectionId=5
Live Home Page
Apple Computer
Apple Support
Apple Store
Microsoft MacTopia
MSN
Favorites
History
Search
Scrapbook
Page Holder
UMONITOR .com
Home Feedback Logout
Manage Section - Package Monitor
Finish
Change Layout
To change or rearrange the list, select the account and click appropriate arrows
even view
-Bills Monitor
-CreditCard Monitor
-EMails Monitor
-Finance Monitor
-Flight Monitor
-LifeStyle Monitor
-Market Monitor
-My Insurance
-Rewards Monitor
-Weather Monitor
Consultant View
-Bills Monitor
-CreditCard Monitor
-Email Monitor
-Finance Monitor
-Flight Monitor
-LifeSMe
List Of Packages in this Section
816220022849[FedEx]
816220022871[FedEx]
List Of Packages in Other Sections
8978499095[FedEx]
Edit / View
Delete
Add Tracking #
To add a new package, enter the details and click Add
Tracking #
Carrier Info
ABX
Account Name
Cant find your account? Click HERE, enter the details and well add it!
Add
Clear
Add to Section
These are the list of sections/profiles in which this account can be viewed Please select the sections in which this account has to be shown
Package Monitor[even view]
Package Monitor[Family View]
Package Monitor[Consultant View]
Package Monitor[My View]
Connection to www.umonitor.com is secure (RC4-128)

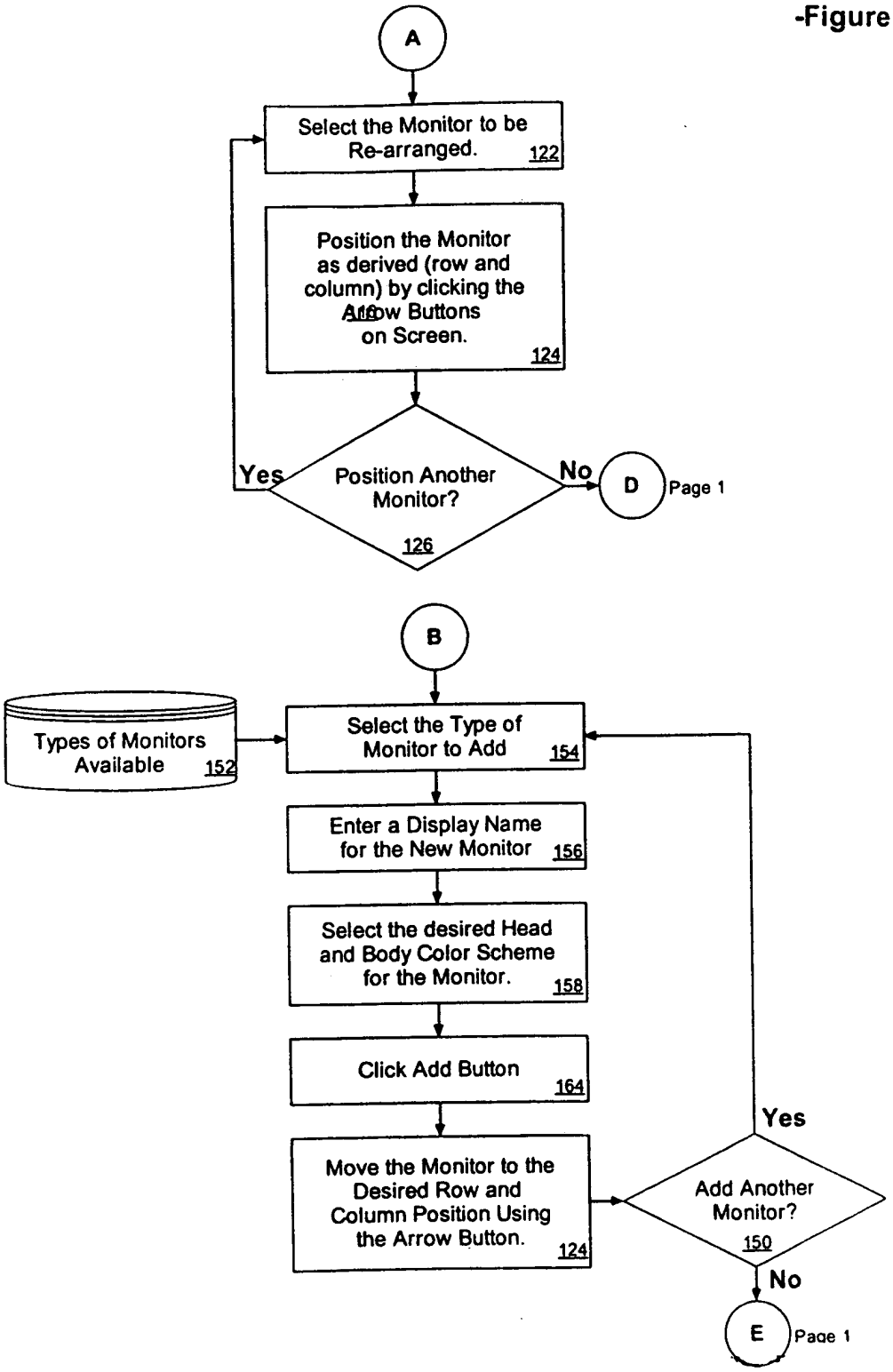
Figure 5J


https://www.umonitor.com/s/er
Back
Forward
Stop
Refresh
Home
AutoFill
Print
Mail
Favorites
Address
https://www.umonitor.com/s/er?sectionId=9
Go
Live Home Page
Apple Computer
Apple Support
Apple Store
Microsoft MacTopia
MSN
Favorites
History
Search
Scrapbook
Page Holder
UMONITOR.com
Home Feedback Logout
Manage Section - Rewards Monitor
Finish
Change Layout
To change or rearrange the list, select an individual account, then click the appropriate arrow (s)
List Of Accounts in this Section
List Of Other Accounts
Delta Airlines[2043825500]
Hilton Honors[208024831]
Marriott Rewards[dsheth]
Marriott Rewards[bubba69]
American AirLines[CY38290]
US Airways[053u3h4]
Northwest Airlines[451171976]
Edit
Delete
New Account
To add a new account click one of the accounts listed below
Can't find your account? Click HERE, enter the details and we'll add it!
even view
-Bills Monitor
-CreditCard Monitor
-EMails Monitor
-Finance Monitor
-Flight Monitor
-LifeStyle Monitor
-Market Monitor
-My Insurance
-Package Monitor
-Weather Monitor
Consultant View
-Bills Monitor
-CreditCard Monitor
-Email Monitor
-Finance Monitor
-Flight Monitor
-LifeStyle Monitor
-Market Monitor
A
Air Canada Aeroplan Rewards
Air France Frequence Plus
Alaska Airlines Mileage Plan
AllAdvantage.com
America West Airlines
American AirLines
American Express BlueLoot Rewards
Amtrack
Ansett Airlines Global Rewards
Connection to www.umonitor.com is secure (RC4-128)

-Figure 6A


View Layout
Modify Vi w Lay ut
Start
User Selects the View for which the Layout has to be Modified.
103
112
User Clicks the Change Layout Link from the Options Menu.
110
The Current Layout Showing the Positions of the Various Monitors (row and column) is Displayed graphically to the User.
114
Monitor (Section) Position, Color Scheme etc...
116
All Monitors Correctly Arranged?
120
No
A
Page 2
Yes
Add New Monitors?
150
Yes
B
Page 2
D
No
Modify Existing Monitors?
200
Yes
C
Page 3
E
No
User Clicks Finish Button
230
F
New Position (row and column) and color schemes for all the Monitors are stored into Database
234
Monitor (Section) Position, Color Scheme etc...
116
View is Displayed with the Modified Layout
238
Stop

-Figure 6B


A
Select the Monitor to be Re-arranged. 122
Position the Monitor as derived (row and column) by clicking the Arrow Buttons on Screen. 124
Yes
Position Another Monitor? 126
No
D
Page 1
B
Types of Monitors Available 152
Select the Type of Monitor to Add 154
Enter a Display Name for the New Monitor 156
Select the desired Head and Body Color Scheme for the Monitor. 158
Click Add Button 164
Move the Monitor to the Desired Row and Column Position Using the Arrow Button. 124
Add Another Monitor? 150
Yes
No
E
Page 1

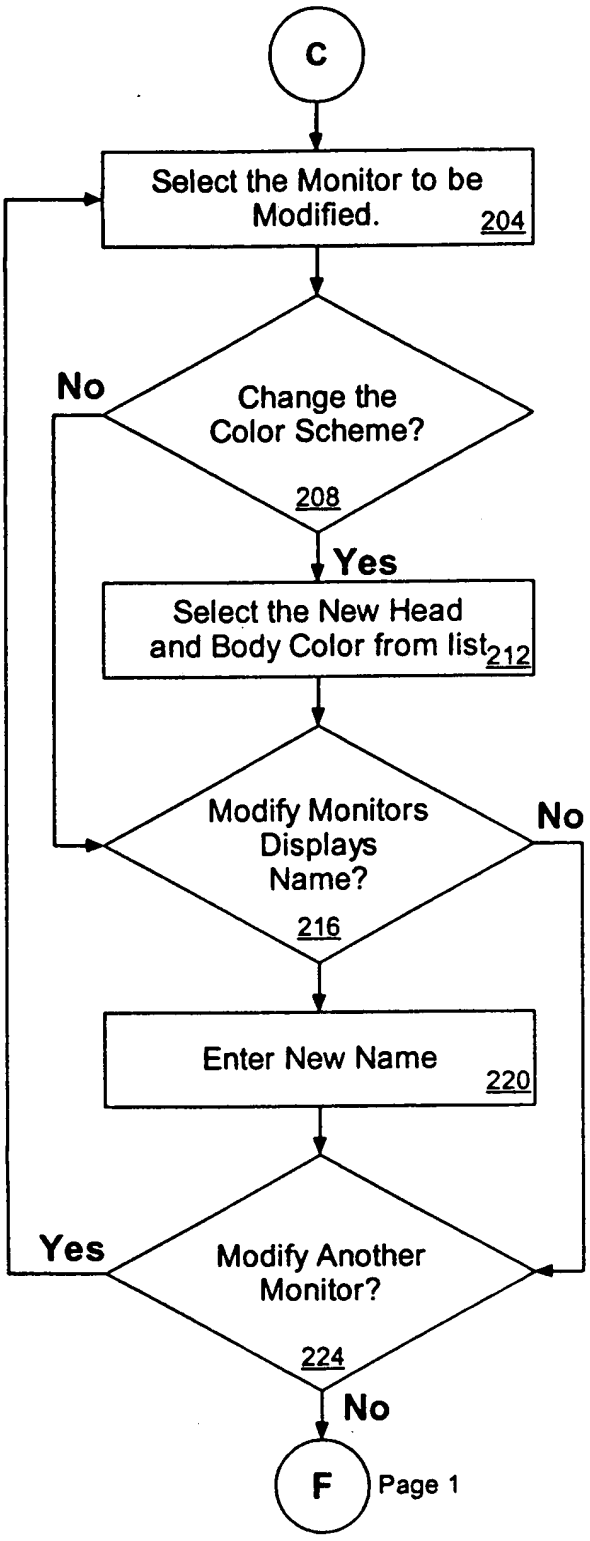

C
Select the Monitor to be Modified.
204
Change the Color Scheme?
208
No
Yes
Select the New Head and Body Color from list
212
Modify Monitors Displays Name?
216
No
Enter New Name
220
Modify Another Monitor?
224
Yes
No
F
Page 1

Figure 6C

-Figure 7A

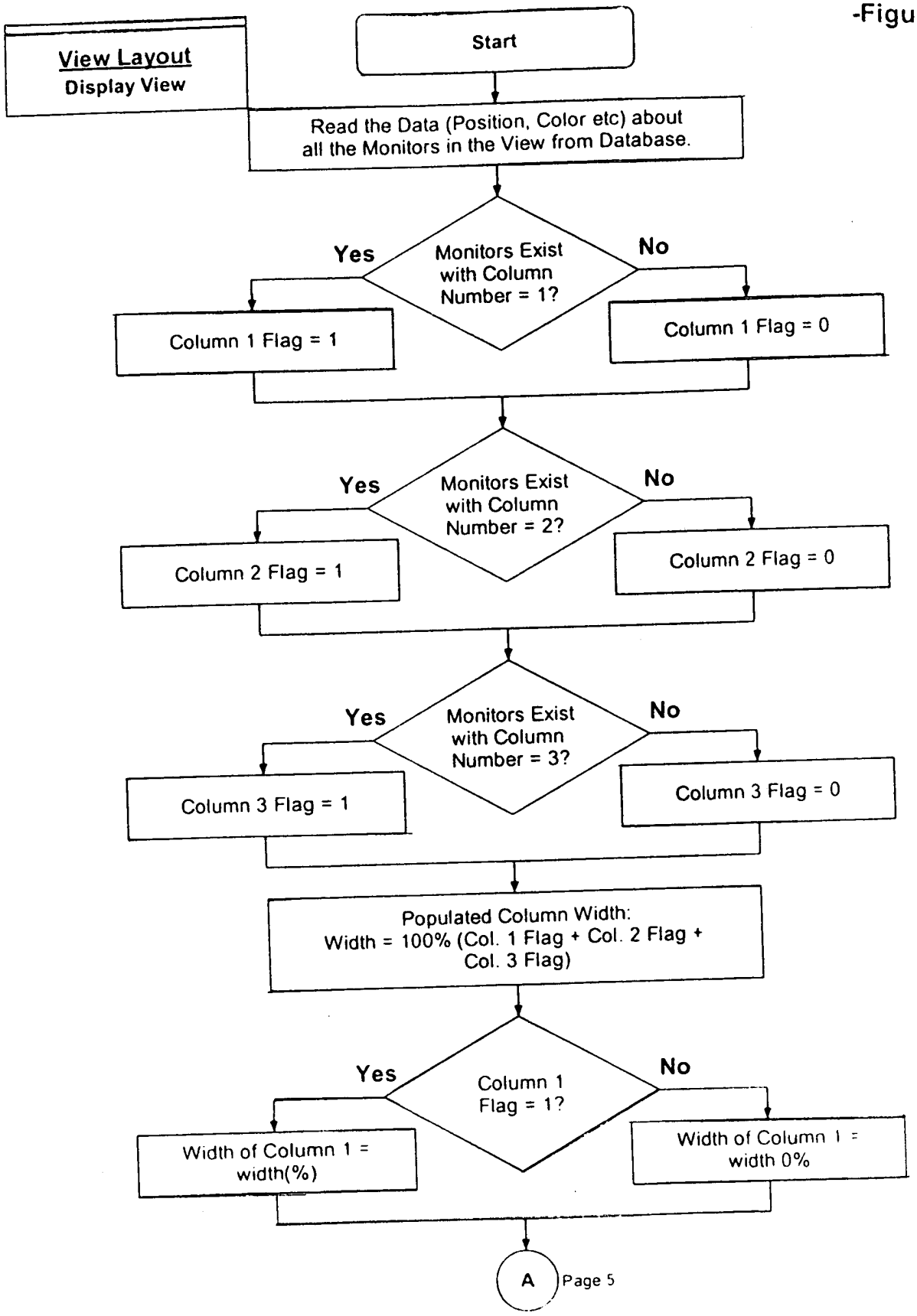
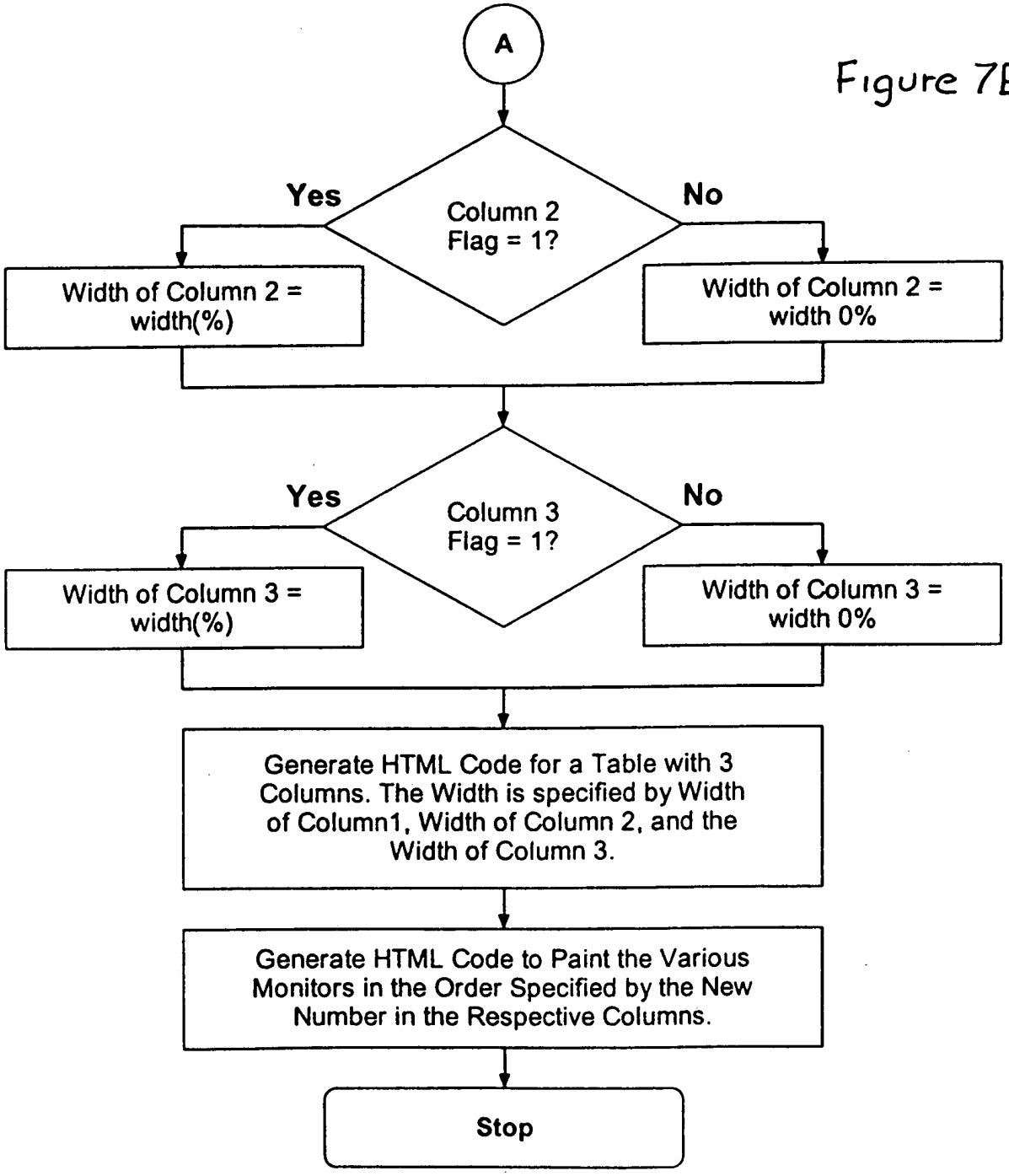
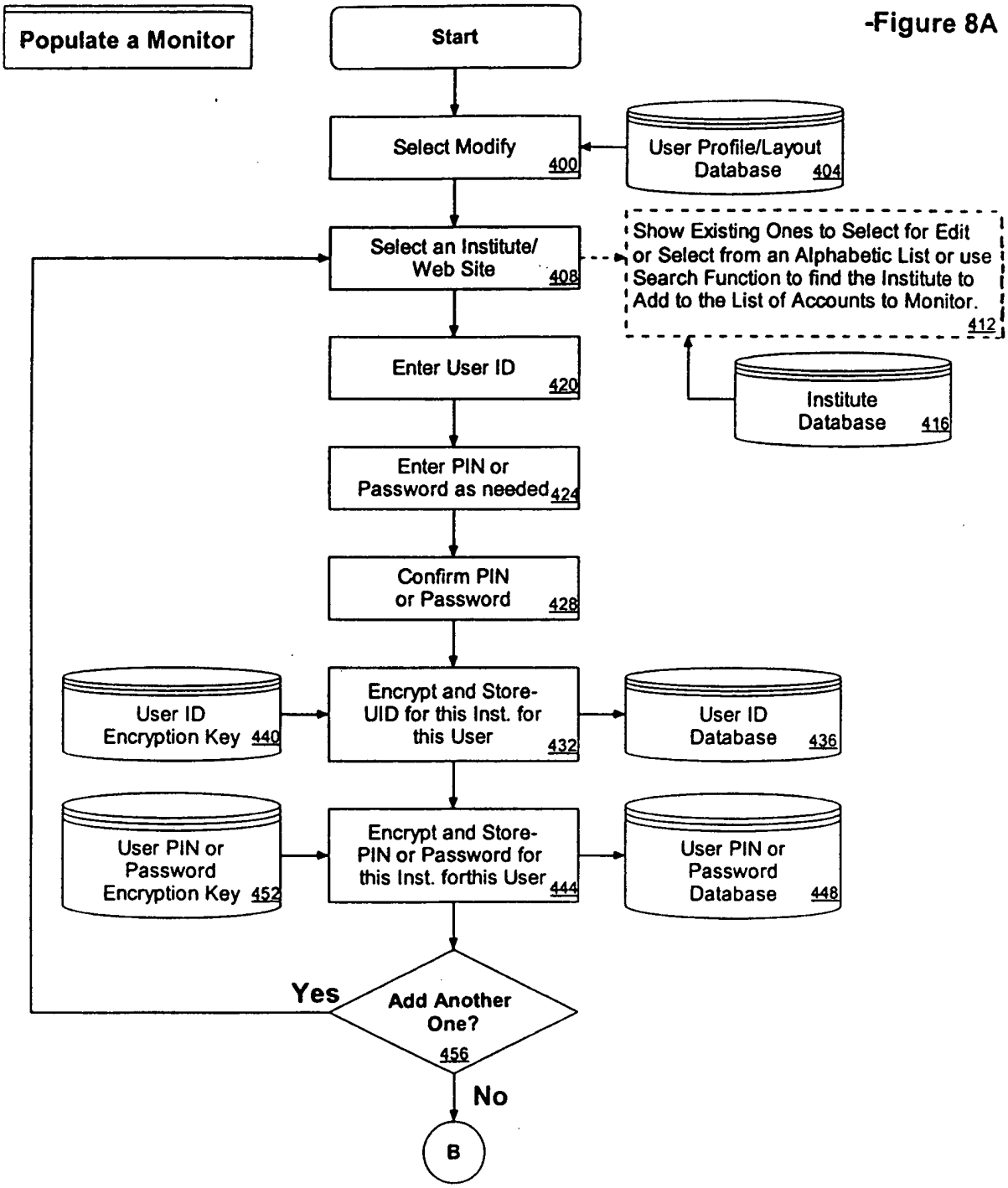

View Layout
Display View
Start
Read the Data (Position, Color etc) about all the Monitors in the View from Database.
Monitors Exist with Column Number = 1?
Yes
No
Column 1 Flag = 1
Column 1 Flag = 0
Monitors Exist with Column Number = 2?
Yes
No
Column 2 Flag = 1
Column 2 Flag = 0
Monitors Exist with Column Number = 3?
Yes
No
Column 3 Flag = 1
Column 3 Flag = 0
Populated Column Width:
Width = 100% (Col. 1 Flag + Col. 2 Flag + Col. 3 Flag)
Column 1 Flag = 1?
Yes
No
Width of Column 1 = width(%)
Width of Column 1 = width 0%
A
Page 5

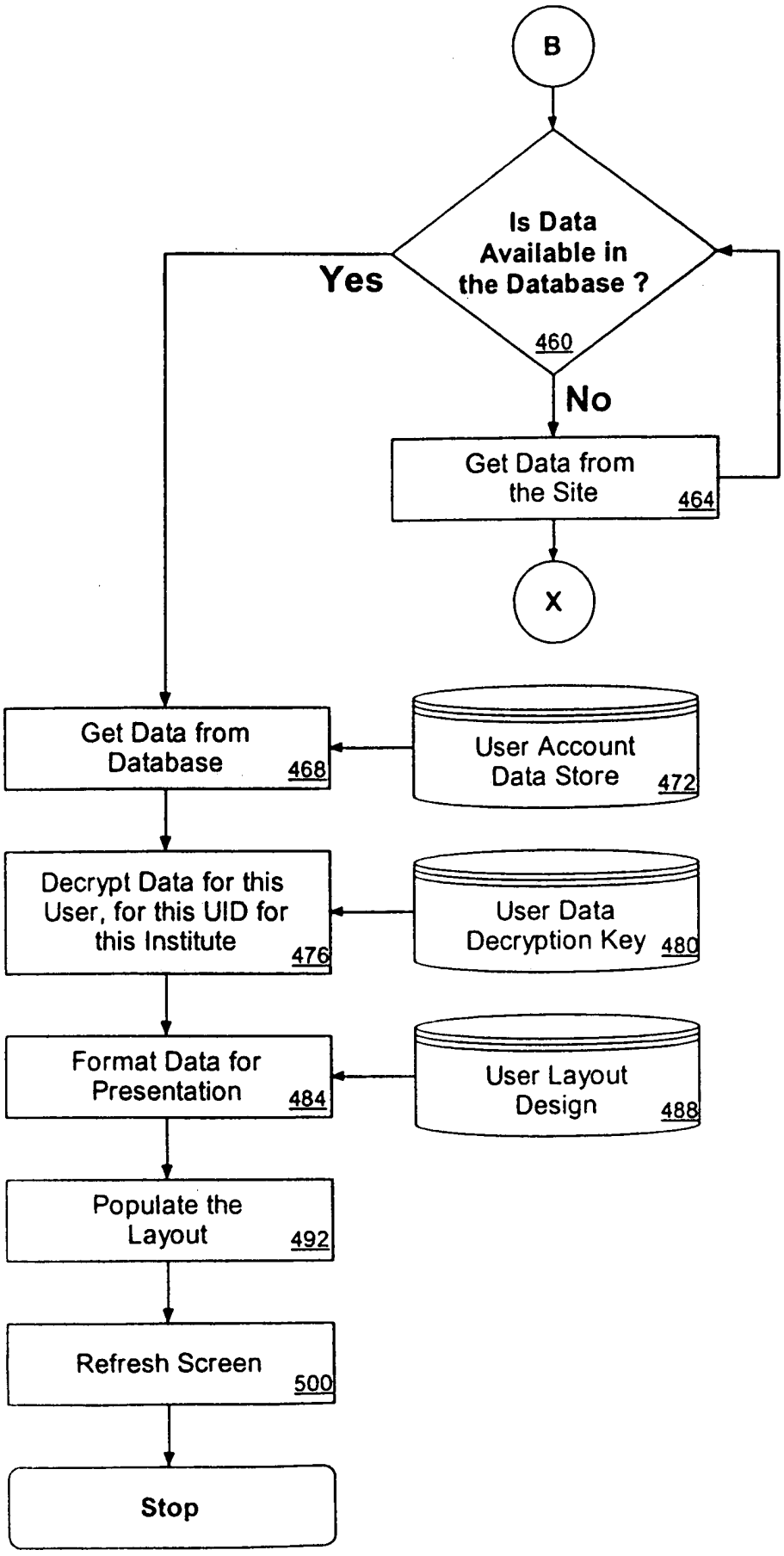
Figure 7B


A
Column 2
Flag = 1?
Yes
No
Width of Column 2 =
width(%)
Width of Column 2 =
width 0%
Column 3
Flag = 1?
Yes
No
Width of Column 3 =
width(%)
Width of Column 3 =
width 0%
Generate HTML Code for a Table with 3 Columns. The Width is specified by Width of Column1, Width of Column 2, and the Width of Column 3.
Generate HTML Code to Paint the Various Monitors in the Order Specified by the New Number in the Respective Columns.
Stop

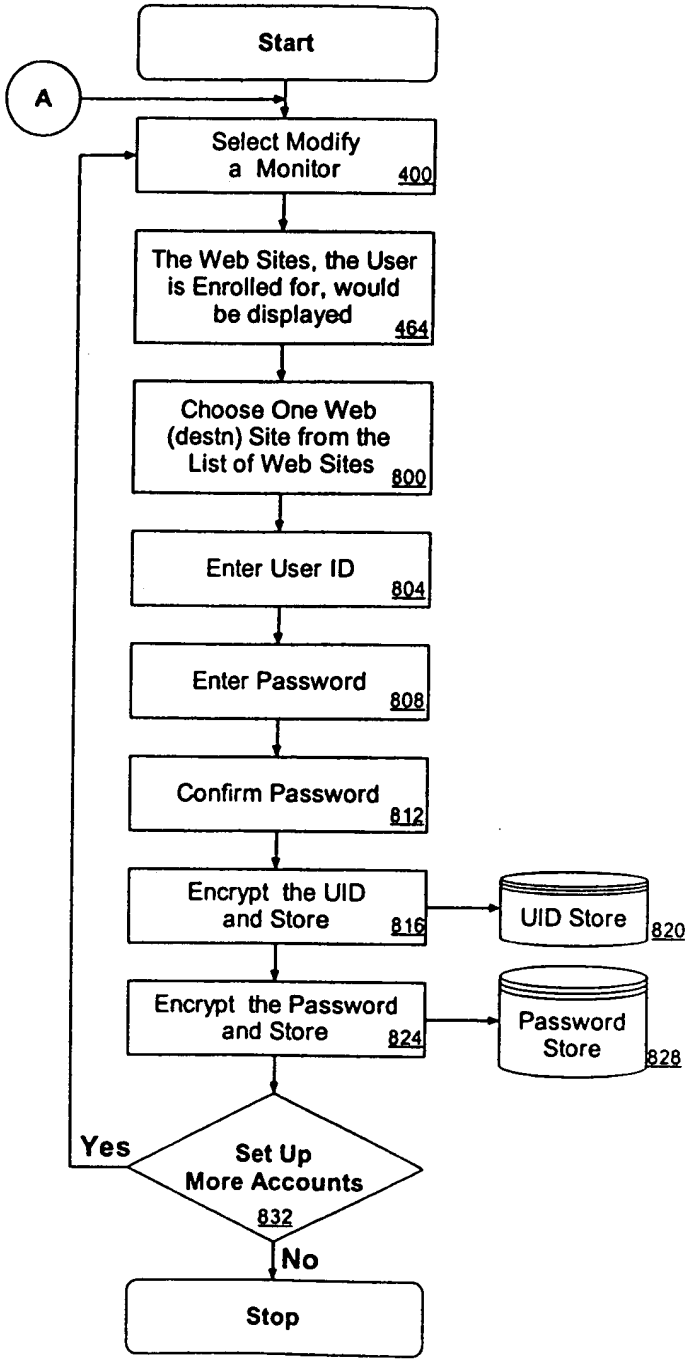
-Figure 8A


Populate a Monitor
Start
Select Modify
400
User Profile/Layout Database
404
Select an Institute/ Web Site
408
Show Existing Ones to Select for Edit or Select from an Alphabetic List or use Search Function to find the Institute to Add to the List of Accounts to Monitor.
412
Institute Database
416
Enter User ID
420
Enter PIN or Password as needed
424
Confirm PIN or Password
428
User ID Encryption Key
440
Encrypt and Store- UID for this Inst. for this User
432
User ID Database
436
User PIN or Password Encryption Key
452
Encrypt and Store- PIN or Password for this Inst. forthis User
444
User PIN or Password Database
448
Yes
Add Another One?
456
No
B

-Figure 8B

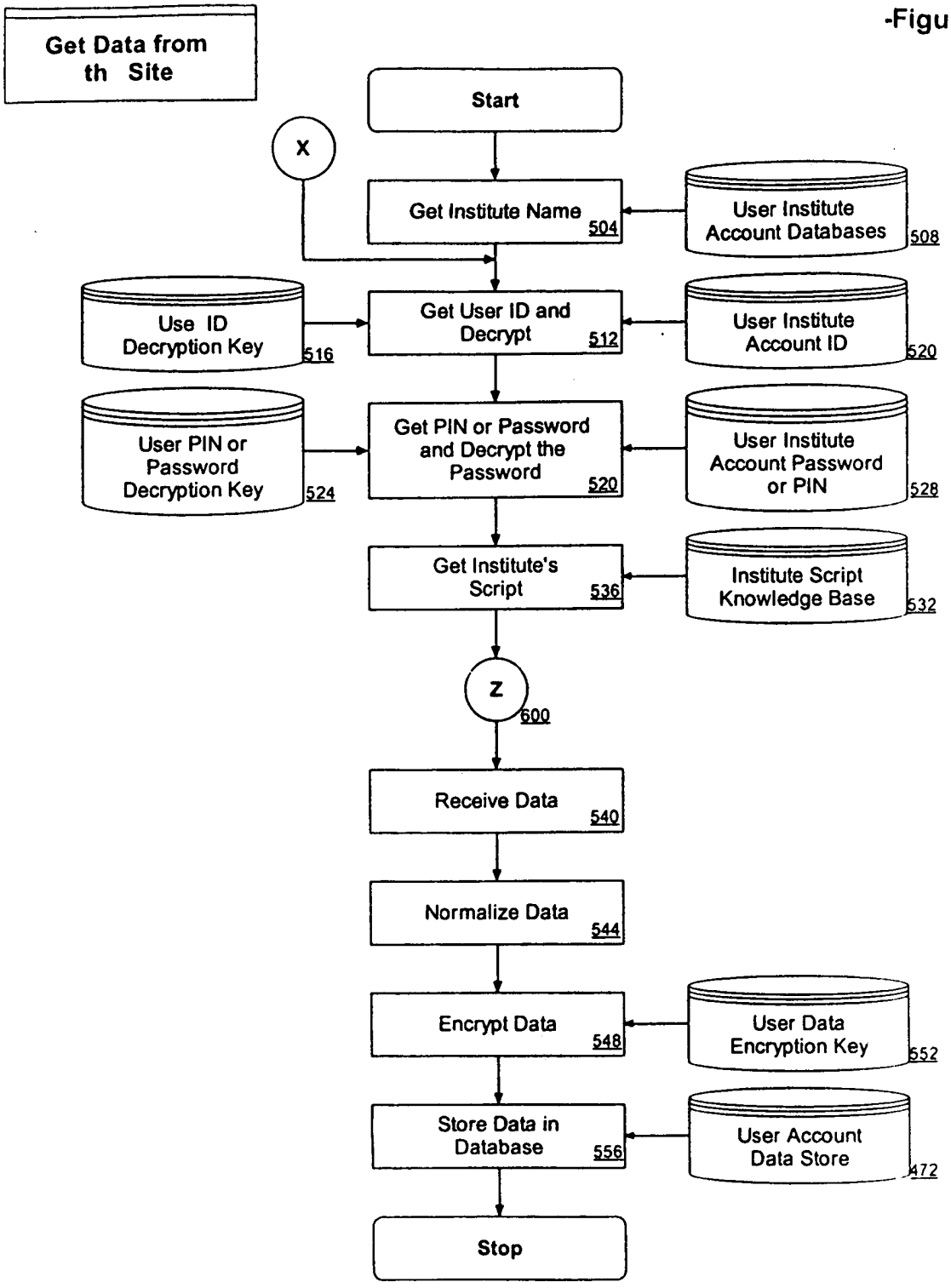

B
Is Data Available in the Database ?
460
Yes
No
Get Data from the Site
464
X
Get Data from Database
468
User Account Data Store
472
Decrypt Data for this User, for this UID for this Institute
476
User Data Decryption Key
480
Format Data for Presentation
484
User Layout Design
488
Populate the Layout
492
Refresh Screen
500
Stop

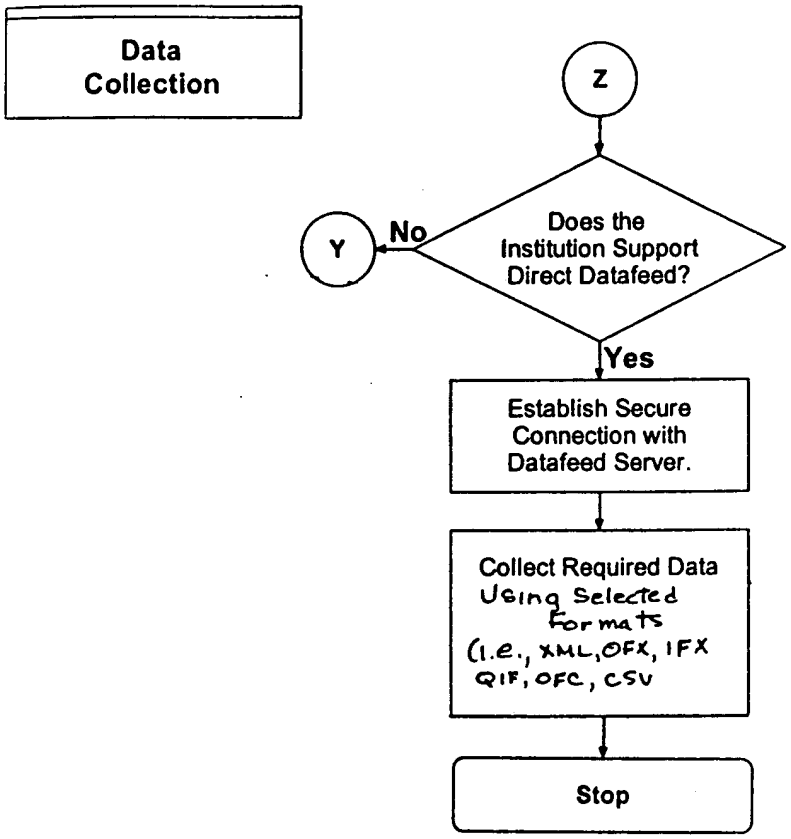
Modify a Monitor



-Figure 9

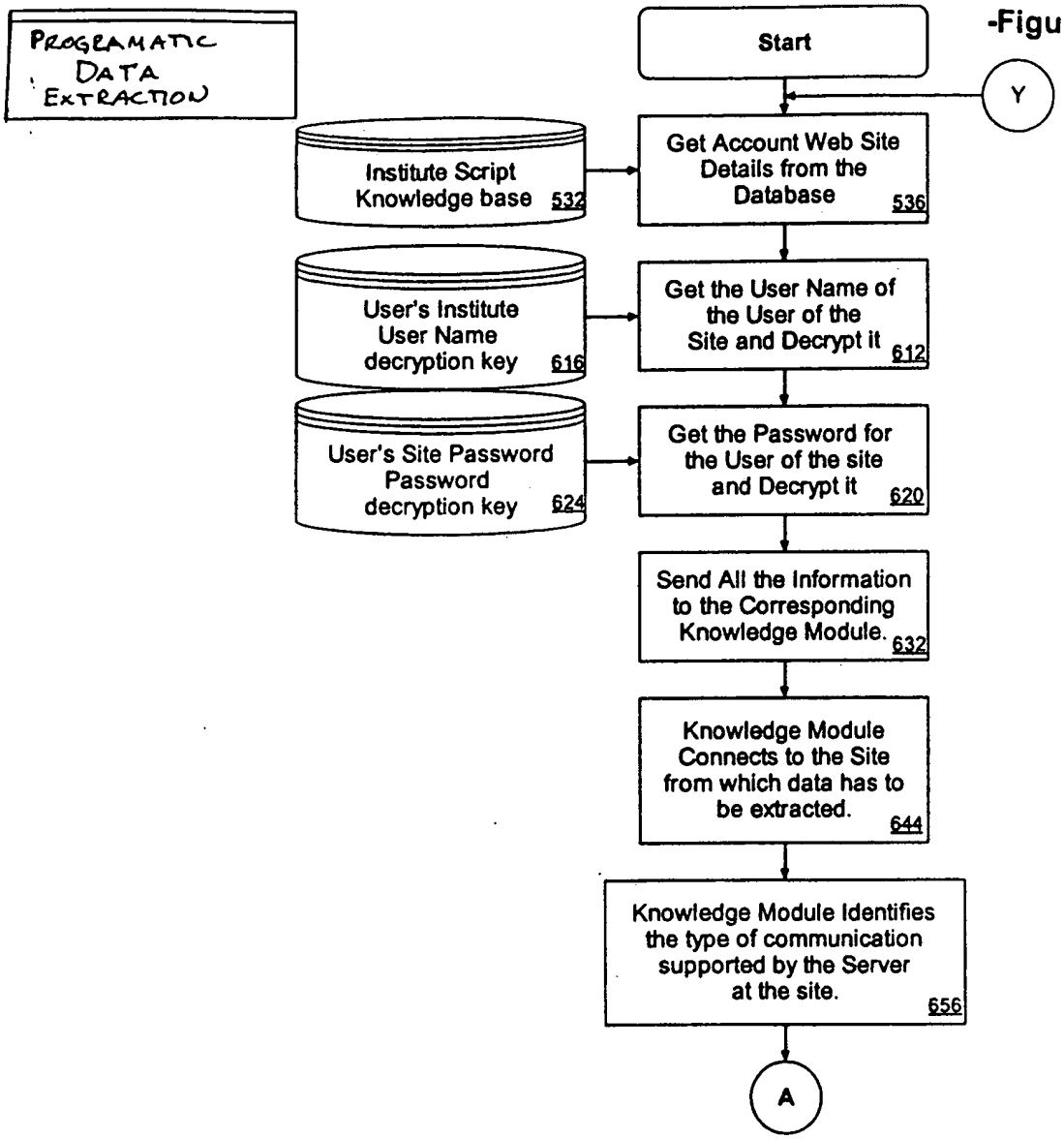
-Figure 10A


Get Data from th Site
Start
X
Get Institute Name 504
User Institute Account Databases 508
Use ID Decryption Key 516
Get User ID and Decrypt 512
User Institute Account ID 520
User PIN or Password Decryption Key 524
Get PIN or Password and Decrypt the Password 520
User Institute Account Password or PIN 528
Get Institute's Script 536
Institute Script Knowledge Base 532
Z 600
Receive Data 540
Normalize Data 544
Encrypt Data 548
User Data Encryption Key 552
Store Data in Database 556
User Account Data Store 472
Stop

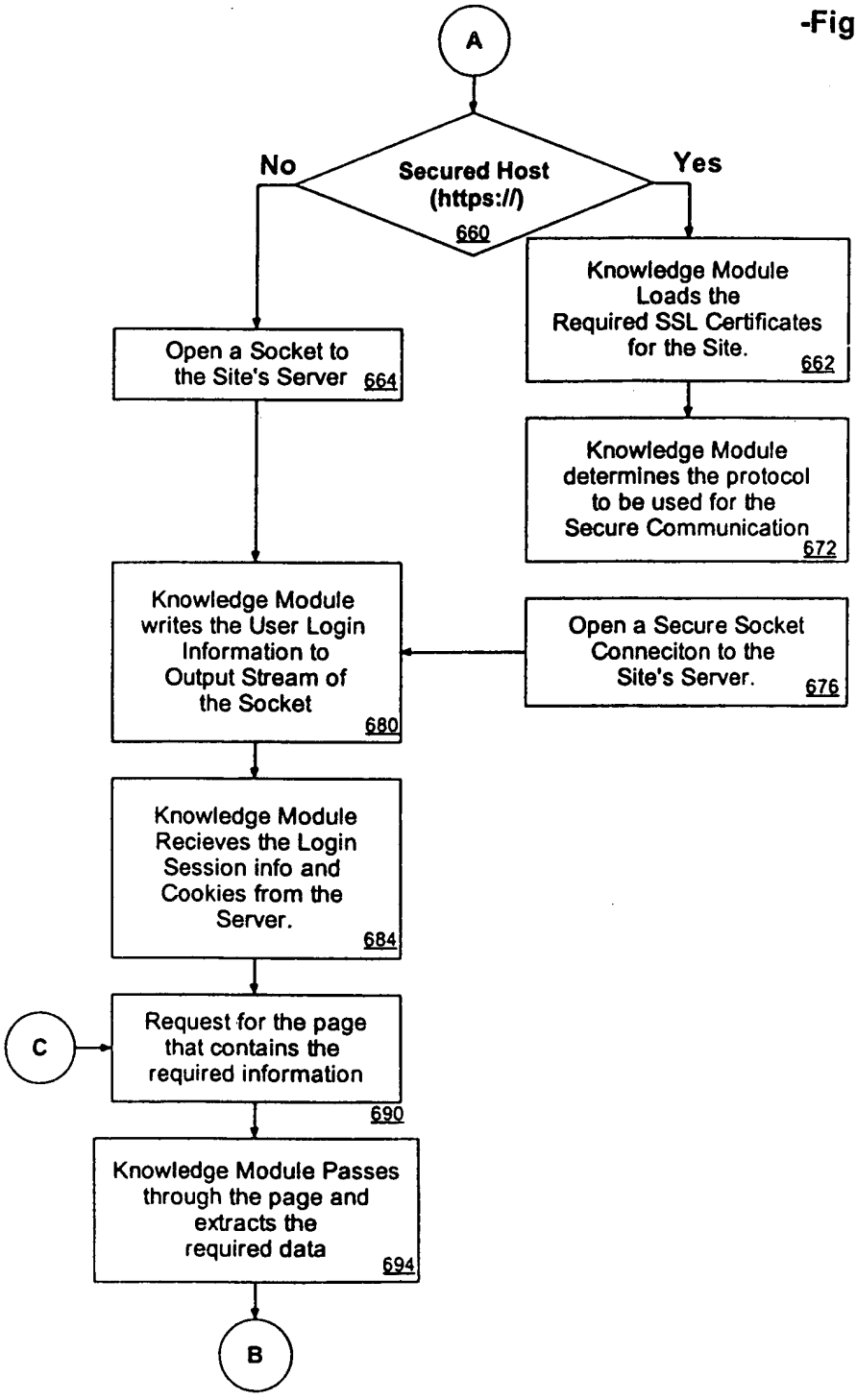

Data Collection
Z
Does the Institution Support Direct Datafeed?
No
Y
Yes
Establish Secure Connection with Datafeed Server.
Collect Required Data Using Selected Formats (i.e., XML, OFX, IFX QIF, OFC, CSV
Stop

-Figure 10B

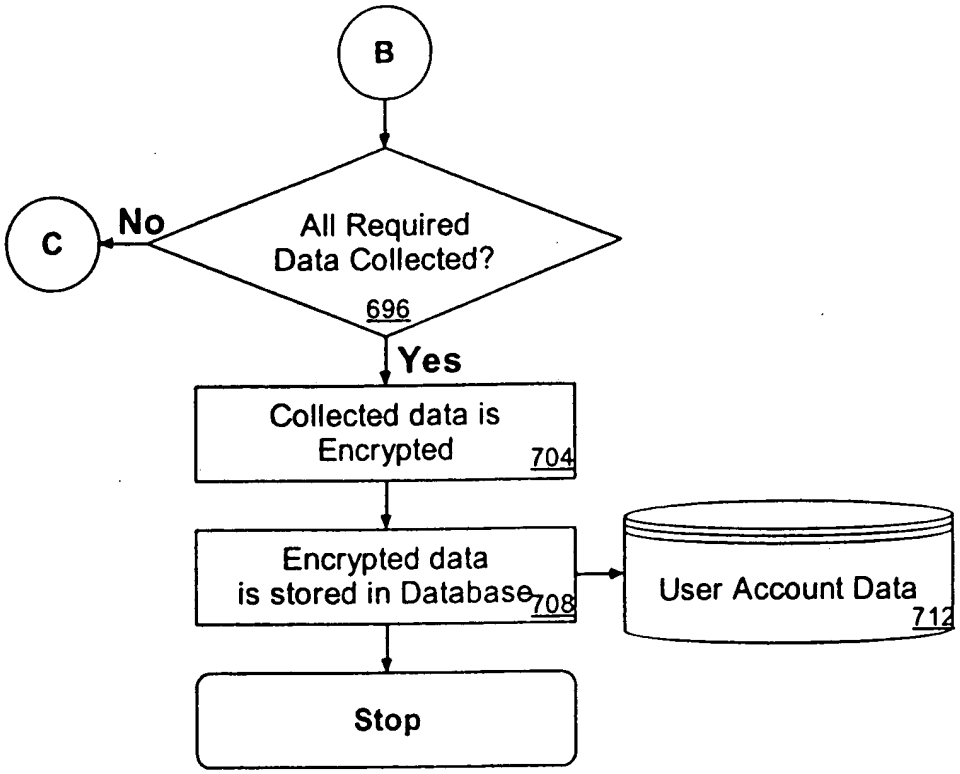
-Figure 11A


PROGRAMATIC DATA EXTRACTION
Start
Y
Institute Script Knowledge base 532
Get Account Web Site Details from the Database 536
User's Institute User Name decryption key 616
Get the User Name of the User of the Site and Decrypt it 612
User's Site Password Password decryption key 624
Get the Password for the User of the site and Decrypt it 620
Send All the Information to the Corresponding Knowledge Module. 632
Knowledge Module Connects to the Site from which data has to be extracted. 644
Knowledge Module Identifies the type of communication supported by the Server at the site. 656
A

-Figure 11B


A
Secured Host (https://)
660
No
Yes
Open a Socket to the Site's Server 664
Knowledge Module Loads the Required SSL Certificates for the Site.
662
Knowledge Module determines the protocol to be used for the Secure Communication
672
Knowledge Module writes the User Login Information to Output Stream of the Socket
680
Open a Secure Socket Conneciton to the Site's Server.
676
Knowledge Module Recieves the Login Session info and Cookies from the Server.
684
C
Request for the page that contains the required information
690
Knowledge Module Passes through the page and extracts the required data
694
B

-Figure 11C


B
C
No
All Required Data Collected?
696
Yes
Collected data is Encrypted
704
Encrypted data is stored in Database
708
User Account Data
712
Stop

-Figure 12A

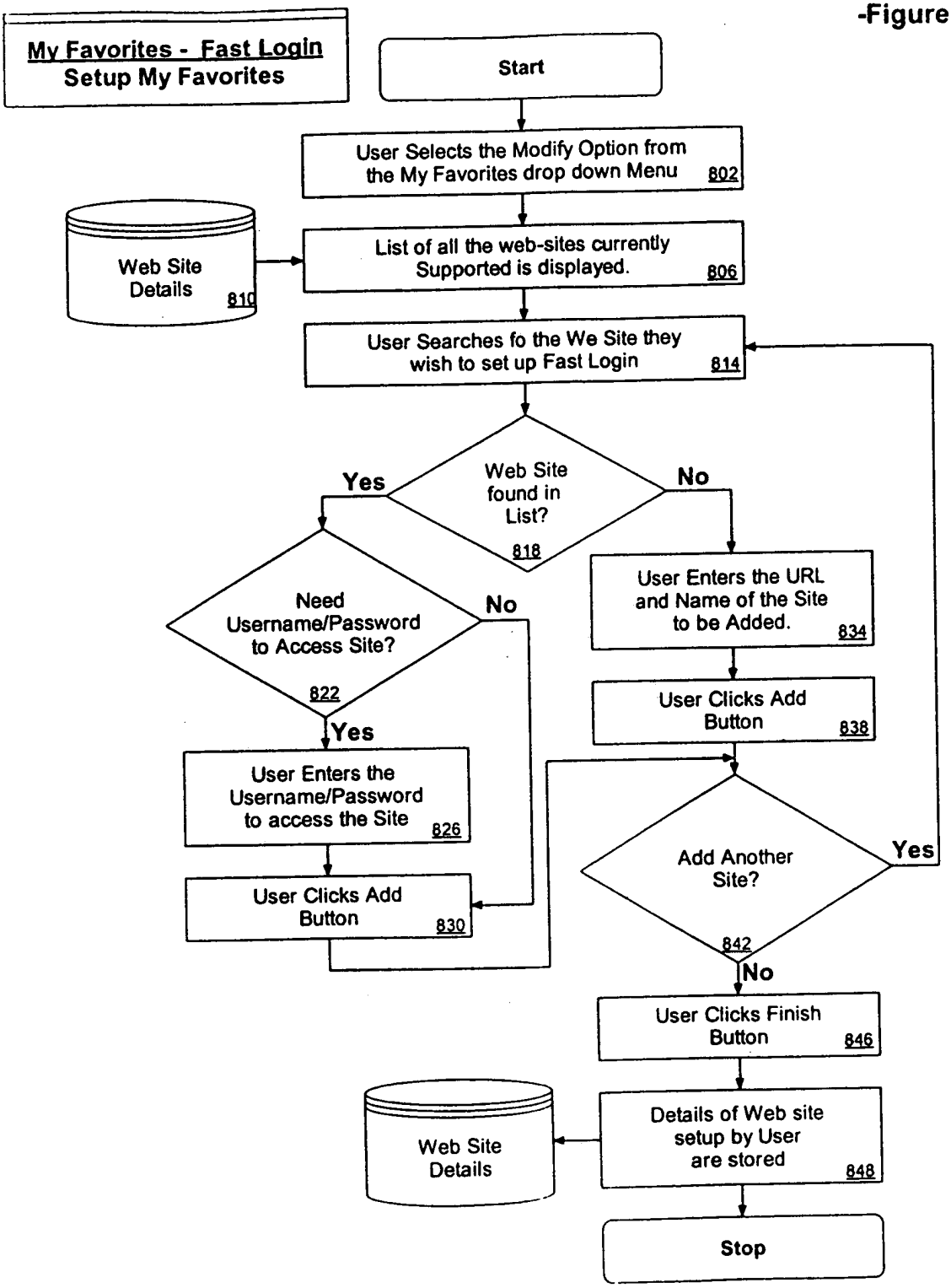
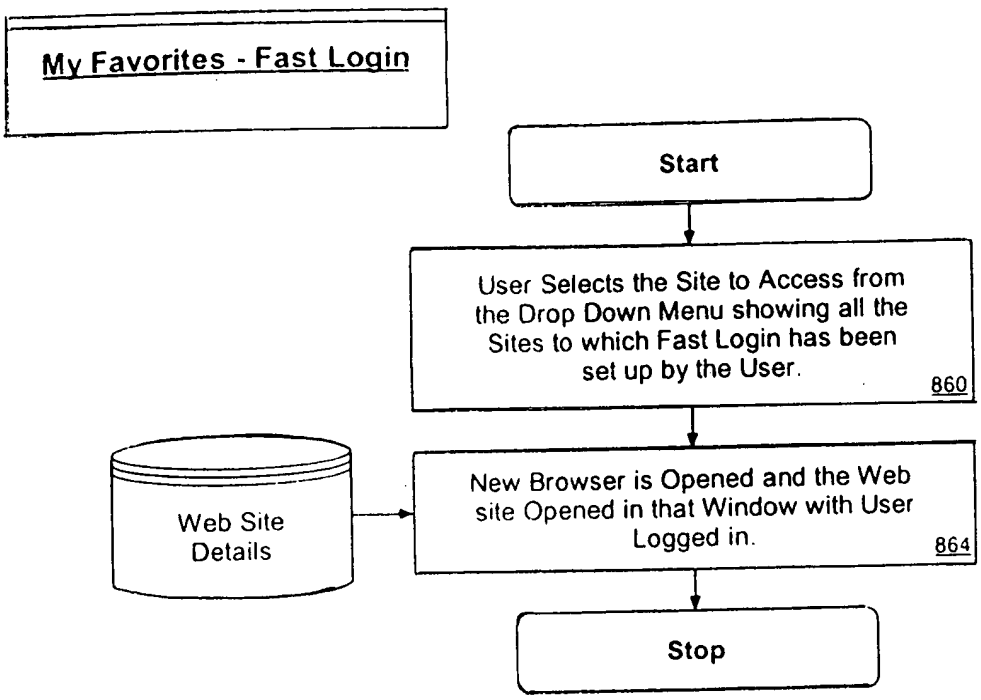
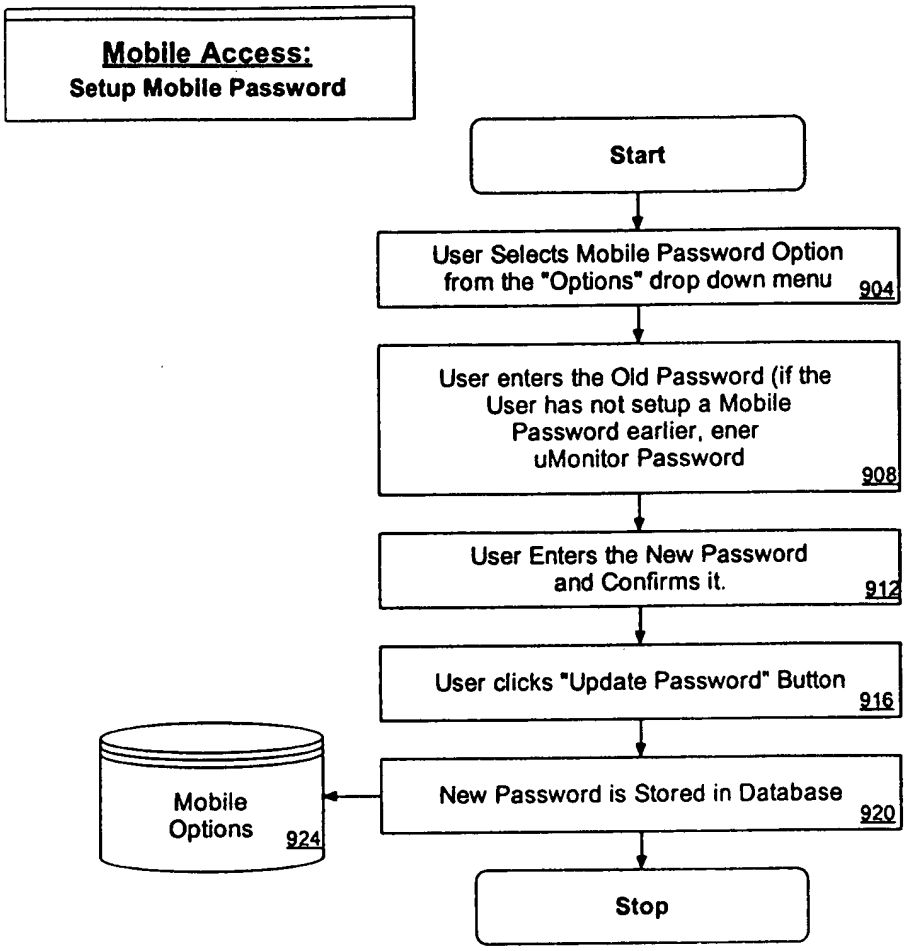

My Favorites - Fast Login
Setup My Favorites
Start
User Selects the Modify Option from the My Favorites drop down Menu 802
Web Site Details 810
List of all the web-sites currently Supported is displayed. 806
User Searches fo the We Site they wish to set up Fast Login 814
Web Site found in List? 818
Yes
No
Need Username/Password to Access Site? 822
No
Yes
User Enters the Username/Password to access the Site 826
User Clicks Add Button 830
User Enters the URL and Name of the Site to be Added. 834
User Clicks Add Button 838
Add Another Site? 842
Yes
No
User Clicks Finish Button 846
Web Site Details
Details of Web site setup by User are stored 848
Stop

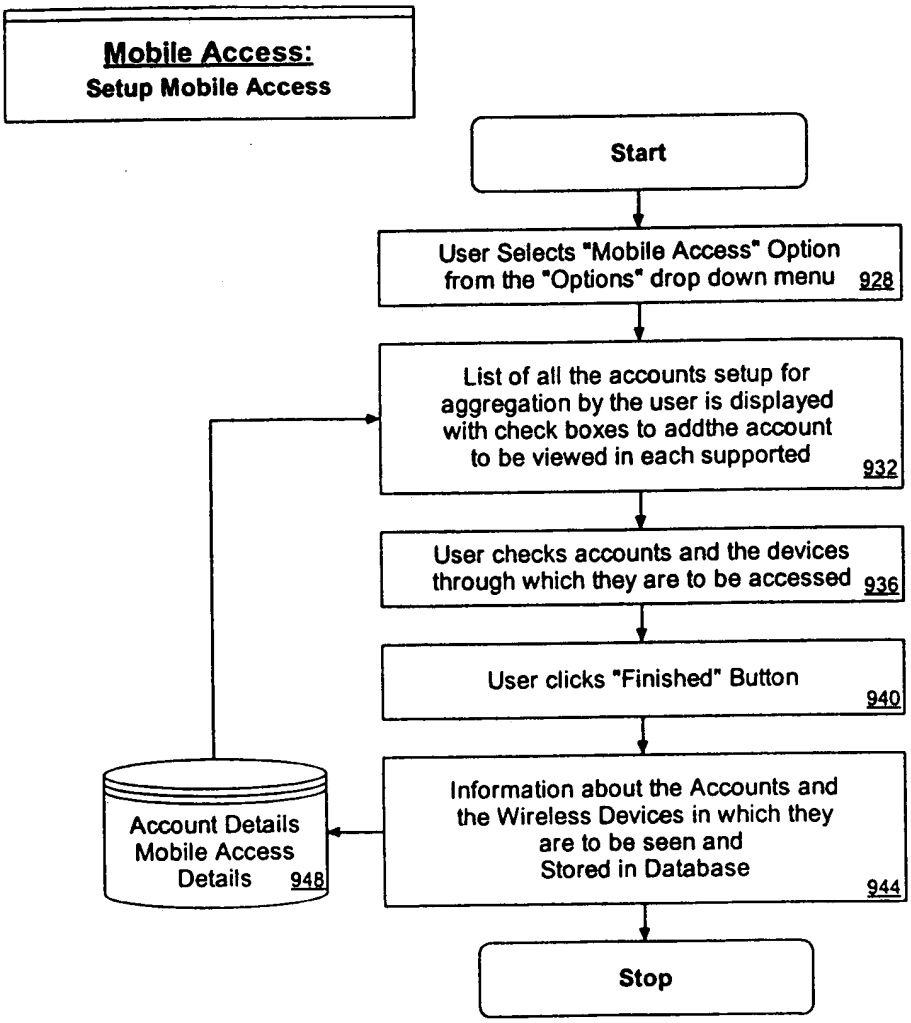
Figure 12B


My Favorites - Fast Login
Start
User Selects the Site to Access from the Drop Down Menu showing all the Sites to which Fast Login has been set up by the User.
860
Web Site Details
New Browser is Opened and the Web site Opened in that Window with User Logged in.
864
Stop

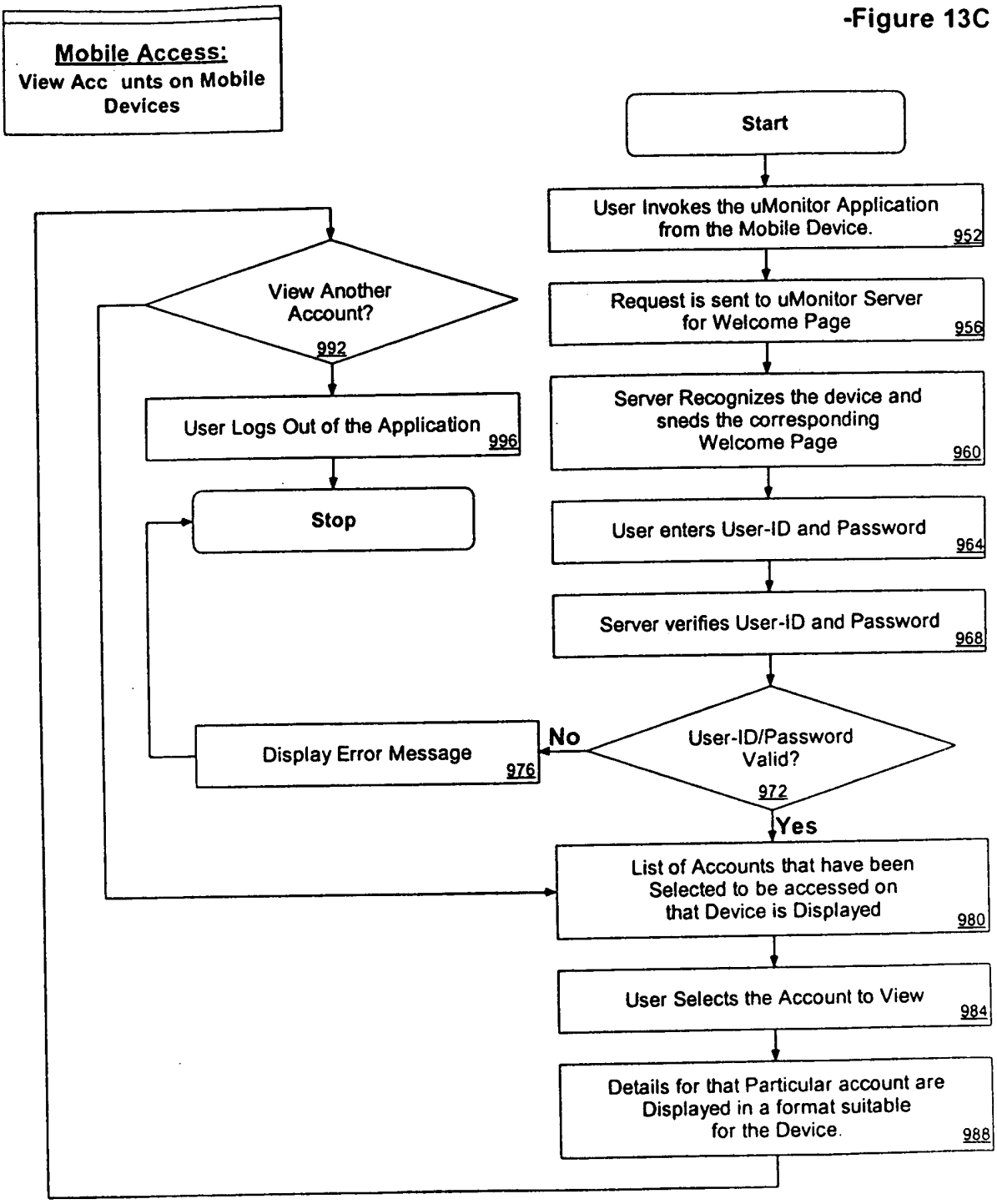

Mobile Access:
Setup Mobile Password
Start
User Selects Mobile Password Option from the "Options" drop down menu
904
User enters the Old Password (if the User has not setup a Mobile Password earlier, ener uMonitor Password
908
User Enters the New Password and Confirms it.
912
User clicks "Update Password" Button
916
New Password is Stored in Database
920
Mobile Options
924
Stop

-Figure 13A

-Figure 13B


Mobile Access:
Setup Mobile Access
Start
User Selects "Mobile Access" Option from the "Options" drop down menu 928
List of all the accounts setup for aggregation by the user is displayed with check boxes to addthe account to be viewed in each supported 932
User checks accounts and the devices through which they are to be accessed 936
User clicks "Finished" Button 940
Information about the Accounts and the Wireless Devices in which they are to be seen and Stored in Database 944
Account Details Mobile Access Details 948
Stop

-Figure 13C


Mobile Access:
View Acc unts on Mobile Devices
Start
User Invokes the uMonitor Application from the Mobile Device.
952
Request is sent to uMonitor Server for Welcome Page
956
Server Recognizes the device and sneds the corresponding Welcome Page
960
User enters User-ID and Password
964
Server verifies User-ID and Password
968
User-ID/Password Valid?
972
No
Display Error Message
976
Yes
List of Accounts that have been Selected to be accessed on that Device is Displayed
980
User Selects the Account to View
984
Details for that Particular account are Displayed in a format suitable for the Device.
988
View Another Account?
992
User Logs Out of the Application
996
Stop

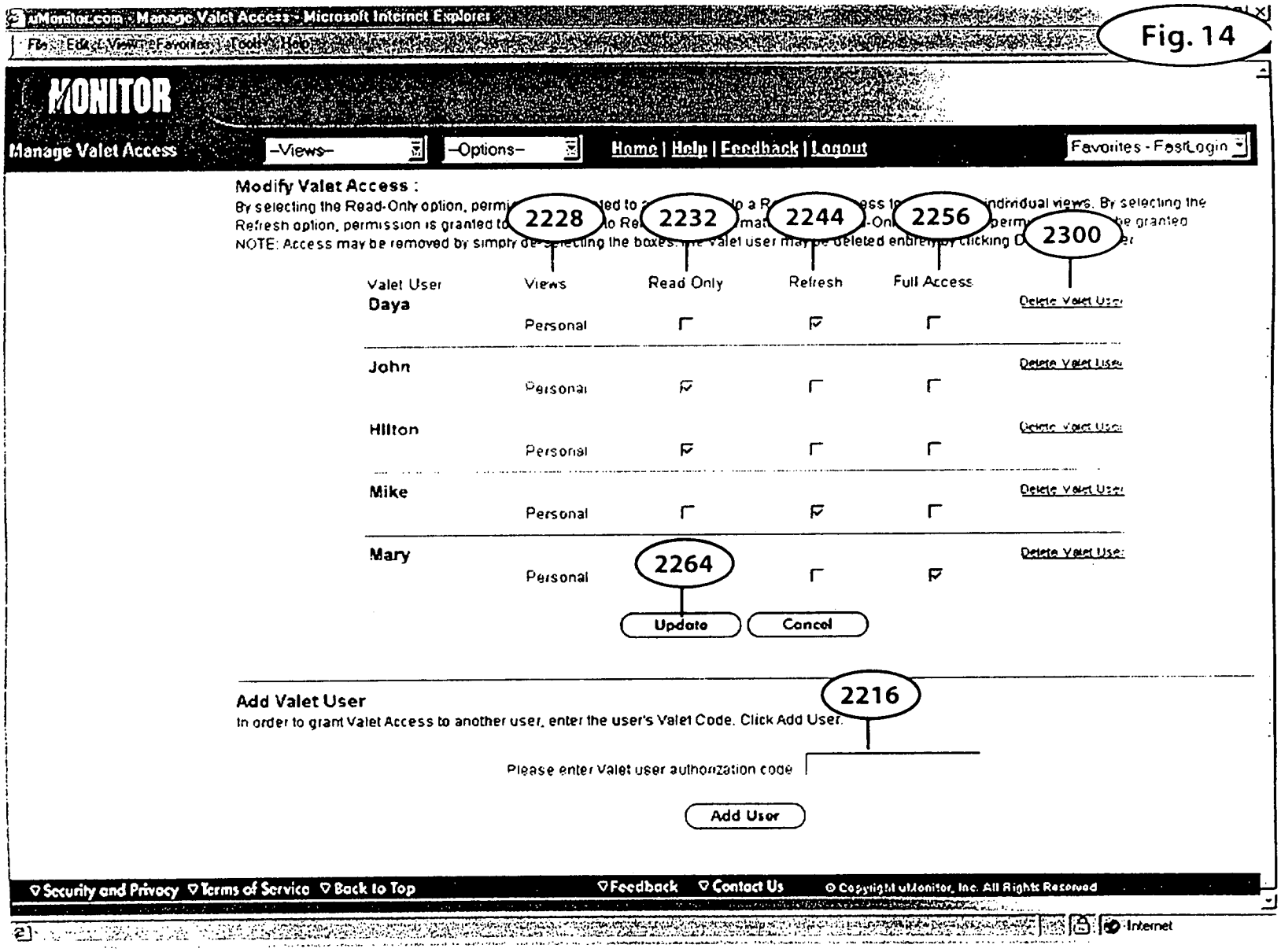
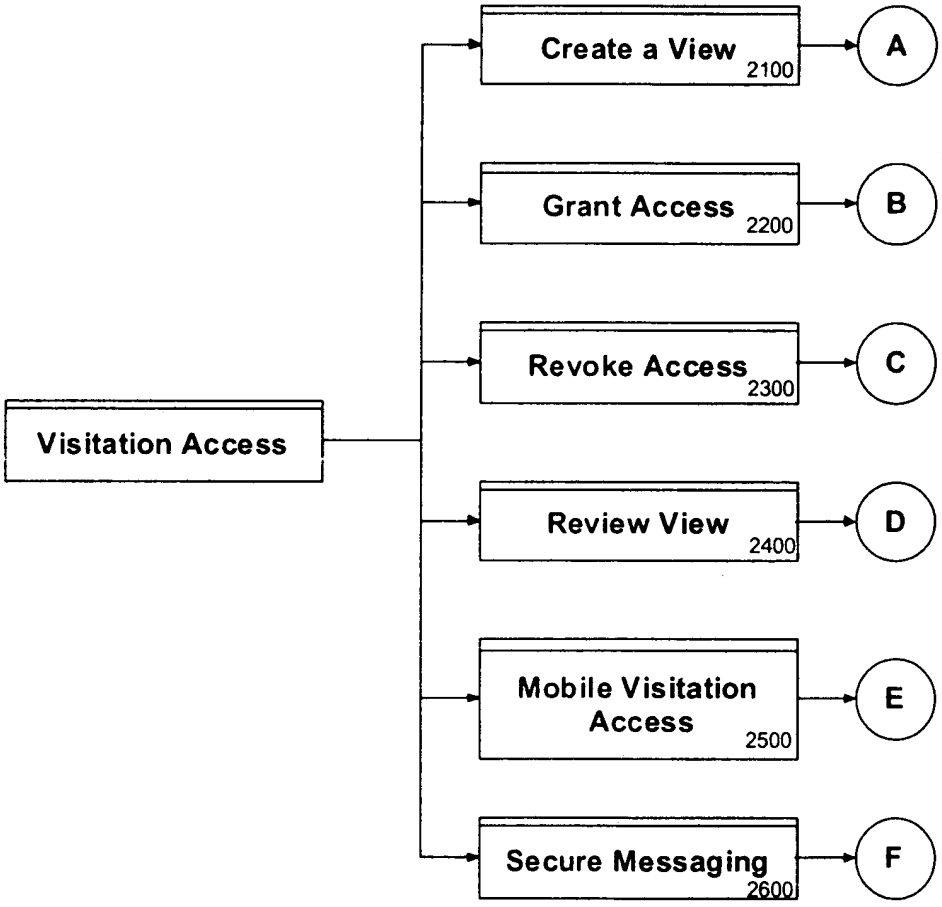


Fig. 14
MONITOR
Manage Valet Access
-Views-
-Options-
Home | Help | Feedback | Logout
Favorites - FastLogin
Modify Valet Access :
2228
2232
2244
2256
2300
Valet User
Views
Read Only
Refresh
Full Access
Daya
Personal
John
Personal
Hilton
Personal
Mike
Personal
Mary
Personal
2264
Update
Cancel
Add Valet User
2216
In order to grant Valet Access to another user, enter the user's Valet Code. Click Add User.
Please enter Valet user authorization code
Add User
Security and Privacy
Terms of Service
Back to Top
Feedback
Contact Us
Internet

Fig. 15A


Visitation Access
Create a View 2100
A
Grant Access 2200
B
Revoke Access 2300
C
Review View 2400
D
Mobile Visitation Access 2500
E
Secure Messaging 2600
F

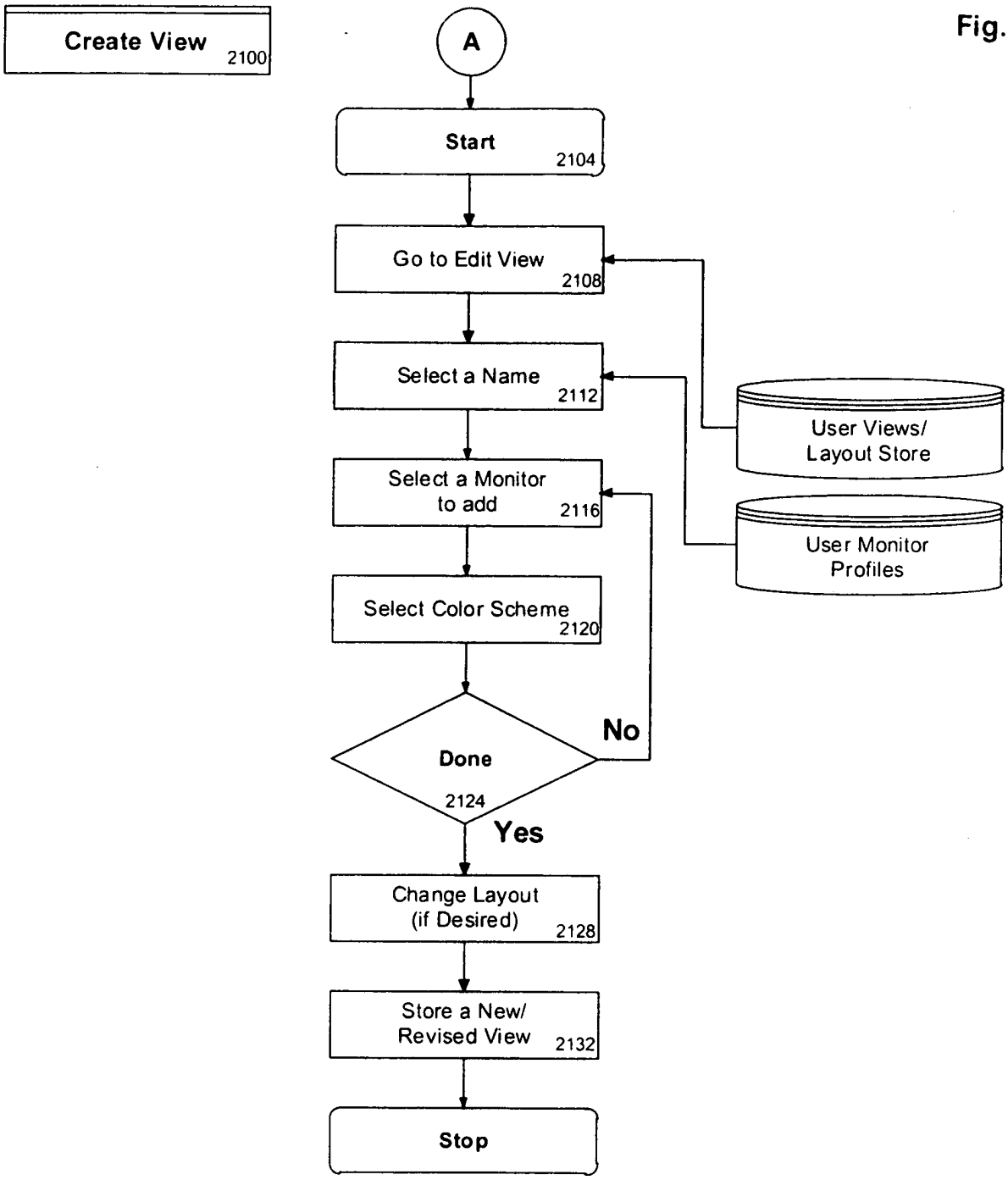

Create View
2100
A
Start
2104
Go to Edit View
2108
Select a Name
2112
Select a Monitor
to add
2116
Select Color Scheme
2120
Done
2124
No
Yes
Change Layout
(if Desired)
2128
Store a New/
Revised View
2132
Stop
User Views/
Layout Store
User Monitor
Profiles

Fig. 15B

Fig. 15C

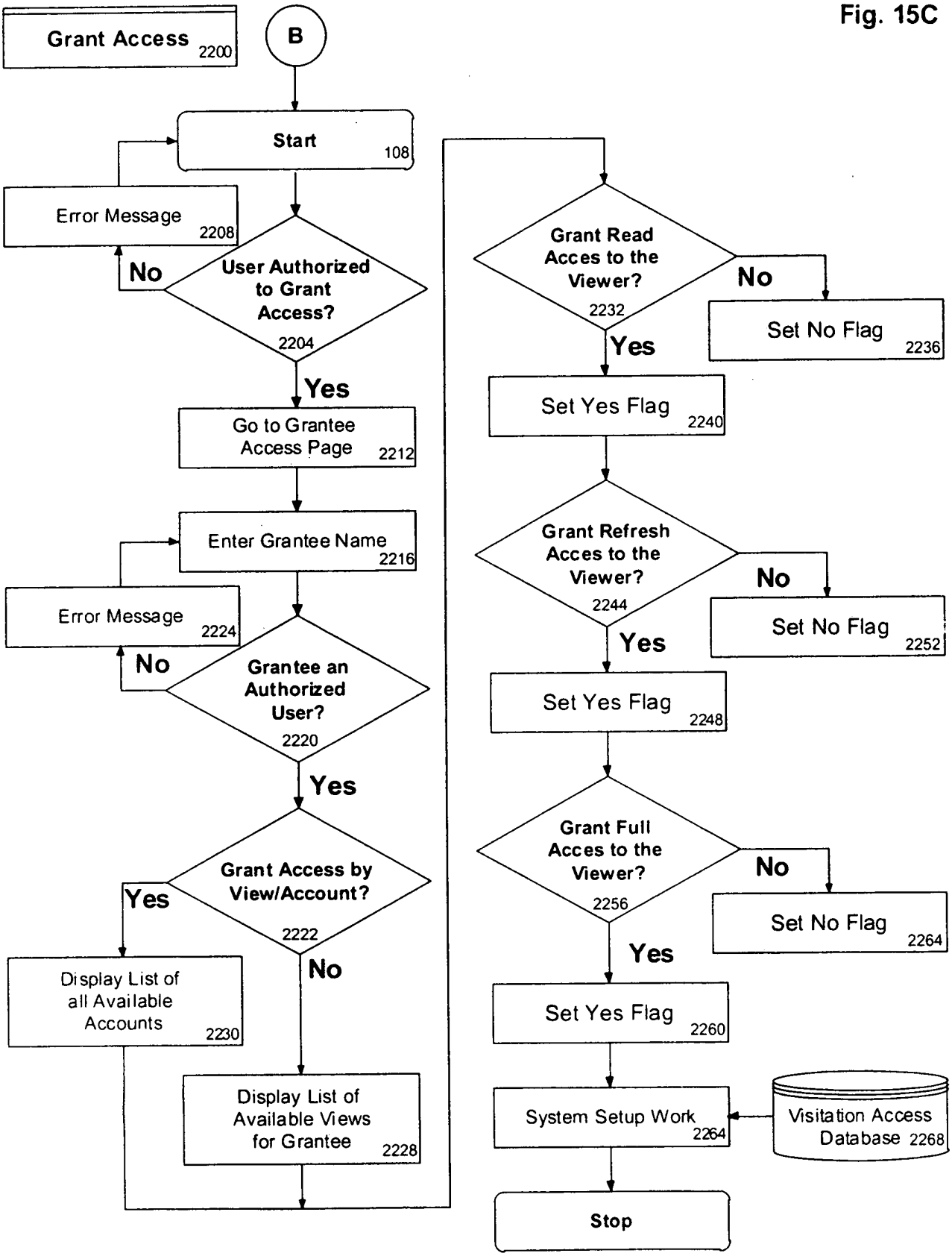

Grant Access 2200
B
Start 108
Error Message 2208
No
User Authorized to Grant Access? 2204
Yes
Go to Grantee Access Page 2212
Enter Grantee Name 2216
Error Message 2224
No
Grantee an Authorized User? 2220
Yes
Grant Access by View/Account? 2222
Yes
No
Display List of all Available Accounts 2230
Display List of Available Views for Grantee 2228
Grant Read Acces to the Viewer? 2232
No
Set No Flag 2236
Yes
Set Yes Flag 2240
Grant Refresh Acces to the Viewer? 2244
No
Set No Flag 2252
Yes
Set Yes Flag 2248
Grant Full Acces to the Viewer? 2256
No
Set No Flag 2264
Yes
Set Yes Flag 2260
System Setup Work 2264
Visitation Access Database 2268
Stop

Fig. 15D

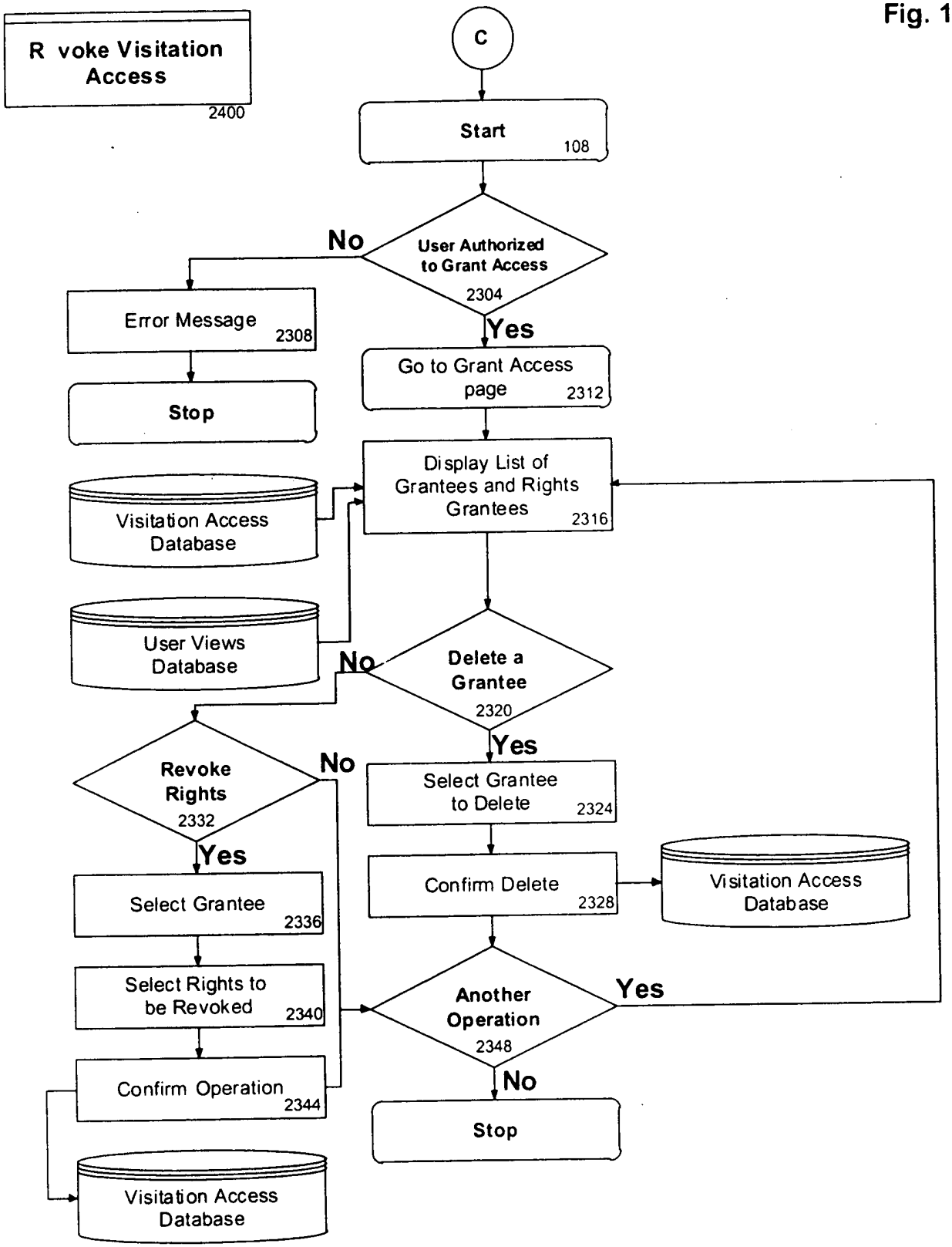

R voke Visitation Access
2400
C
Start
108
User Authorized to Grant Access
2304
No
Yes
Error Message
2308
Stop
Go to Grant Access page
2312
Display List of Grantees and Rights Grantees
2316
Visitation Access Database
User Views Database
Delete a Grantee
2320
No
Yes
Revoke Rights
2332
No
Yes
Select Grantee to Delete
2324
Confirm Delete
2328
Visitation Access Database
Select Grantee
2336
Select Rights to be Revoked
2340
Confirm Operation
2344
Another Operation
2348
Yes
No
Stop
Visitation Access Database

Fig. 15E

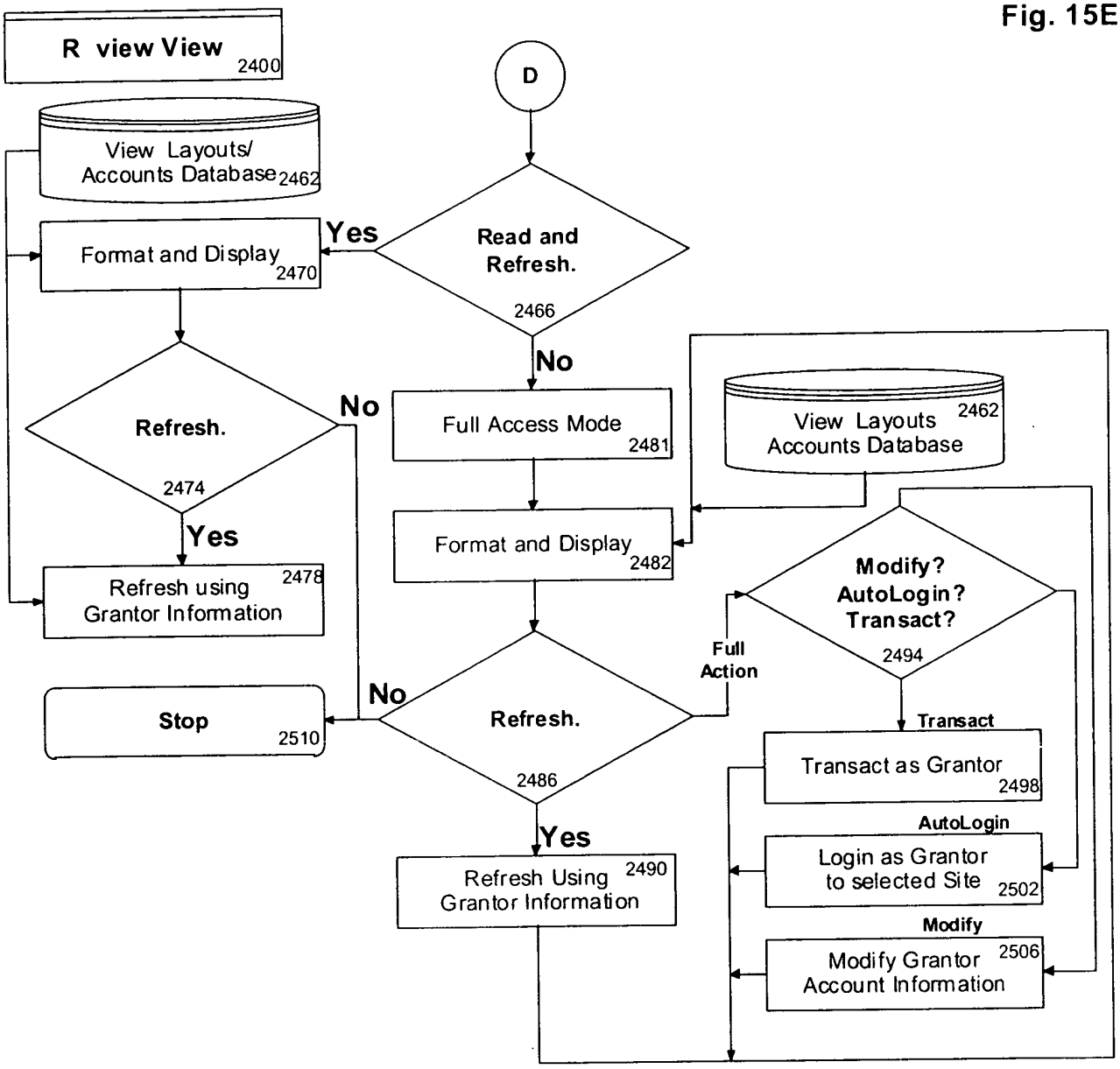

R view View
2400
D
View Layouts/
Accounts Database
2462
Read and
Refresh.
2466
Yes
Format and Display
2470
No
Refresh.
2474
No
Full Access Mode
2481
View Layouts
Accounts Database
2462
Yes
Refresh using
Grantor Information
2478
Format and Display
2482
Modify?
AutoLogin?
Transact?
2494
Full
Action
Stop
2510
No
Refresh.
2486
Transact
Transact as Grantor
2498
AutoLogin
Login as Grantor
to selected Site
2502
Yes
Refresh Using
Grantor Information
2490
Modify
Modify Grantor
Account Information
2506

Fig. 15F

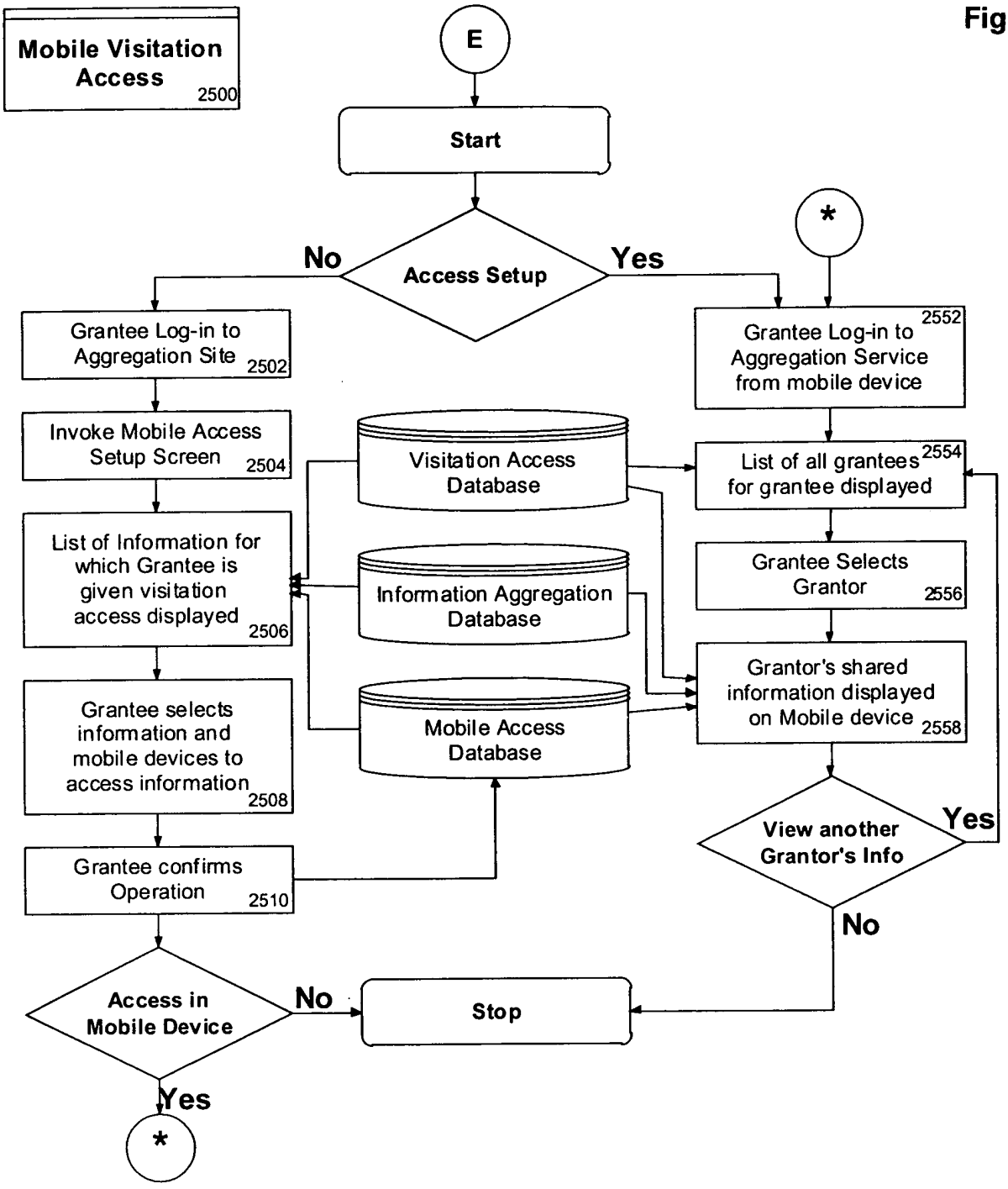
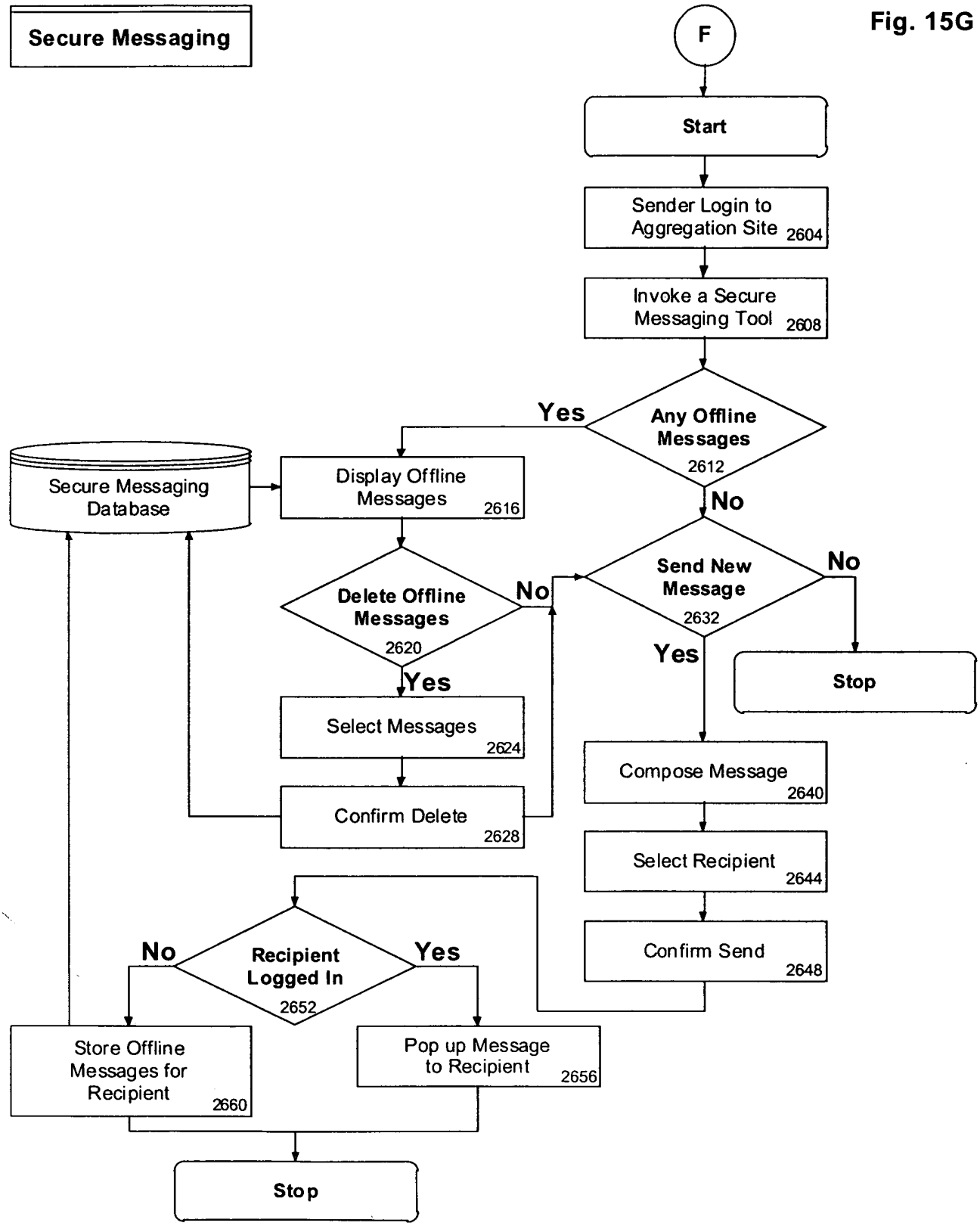

Mobile Visitation Access
2500
E
Start
Access Setup
No
Yes
*
Grantee Log-in to Aggregation Site
2502
Grantee Log-in to Aggregation Service from mobile device
2552
Invoke Mobile Access Setup Screen
2504
Visitation Access Database
List of all grantees for grantee displayed
2554
List of Information for which Grantee is given visitation access displayed
2506
Information Aggregation Database
Grantee Selects Grantor
2556
Grantee selects information and mobile devices to access information
2508
Mobile Access Database
Grantor's shared information displayed on Mobile device
2558
View another Grantor's Info
Yes
No
Grantee confirms Operation
2510
Access in Mobile Device
No
Stop
Yes
*

Fig. 15G


Secure Messaging
F
Start
Sender Login to Aggregation Site 2604
Invoke a Secure Messaging Tool 2608
Any Offline Messages 2612
Yes
No
Secure Messaging Database
Display Offline Messages 2616
Delete Offline Messages 2620
No
Yes
Send New Message 2632
No
Yes
Stop
Select Messages 2624
Confirm Delete 2628
Compose Message 2640
Select Recipient 2644
Confirm Send 2648
Recipient Logged In 2652
No
Yes
Store Offline Messages for Recipient 2660
Pop up Message to Recipient 2656
Stop